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1970 Occupation and Industry Classification Systems in Terms of Their 1960 Occupation and Industry Elements

U S DEPARTMENT
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Social and Economic
Statistics Administration

BUREAU OF
THE CENSUS



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by John A. Priebe, Joan Heinkel, and Stanley Greene

Issued July 1972



U. S. DEPARTMENT OF COMMERCE

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CONTENTS

	Page
Introduction	1
1970 Census of Population—Occupational Classification System—List A	1
1960 Census of Population—Occupational Classification—List B	6
1970 Census of Population—Industrial Classification System—List C	11
1960 Census of Population—Industrial Classification—List D	14
Table 1. Derivations of 1970 Occupation Categories From the 1960 Occupational Classification System	17
Table 2. Derivations of 1970 Industry Categories From the 1960 Industrial Classification System	19
	60

1970 OCCUPATION AND INDUSTRY CLASSIFICATION SYSTEMS IN TERMS OF THEIR 1960 OCCUPATION AND INDUSTRY ELEMENTS

For the 1970 Decennial Census of Population, the industry and occupation classifications used by the Census Bureau have been revised to provide improved classification systems and more detailed information on the industry and occupation of persons. As a result of these revisions, the classification categories for 1970 and earlier censuses are not strictly comparable. This report is designed to aid data-users in comparing 1960 and 1970 census data by quantifying the interrelationships between the two systems.

The new classification systems are closely related to the systems used since 1940. Two changes in the occupational structure were made at the major group level. The major group "operatives" was separated into the following two groups: "Operatives, except transport" and "transport equipment operatives." These two groups can be combined to provide a comparison with the 1960 group. A second change was the rearrangement of the order of the major occupation groups to reflect the traditional broad occupational areas of white-collar, blue-collar, farm, and service workers. No changes were made to the major group structure of the industrial classification. At the detailed category level, most revisions of the classification systems were made within each major group.

The following criteria were used as guidelines in the revisions of the basic classification schemes:

1. Identification of new and rapidly growing industries and occupations.
2. Reduction in the size of large categories.
3. More detailed categories within the major groups.
4. More homogeneous categories.
5. Improvement of category titles to reflect content more accurately.
6. Feasibility of coding actual census responses to these categories.

Revisions to the Occupational Classification

The occupational classification has been expanded from 297 categories in 1960 to 441 in 1970. In addition to the creation of 144 new categories, numerous revisions have been made among the categories. However, in the interest of maintaining meaningful comparisons between major groups from 1960 to 1970, no category shifts have been introduced between major groups except in the case of evident misclassification. Each of the job titles contained in the 297 categories from 1960 was examined to determine if it should remain in the same category, be shifted to another, or become part of a new category. This examination was undertaken using the following sources:

1. 1960 Census of Population Classified Index of Occupations and Industries—This volume contains a listing of the job titles included in each category.

2. Current Population Survey (CPS)—Responses to this and other surveys were used to identify new job titles. In addition, annual average employment data compiled from this survey for detailed occupations were helpful in identifying expanding occupation fields where new categories would be appropriate.

3. Dictionary of Occupational Titles (DOT)—This volume provided for many occupations descriptions of work activities associated with the jobs.

4. A cross tabulation of a CPS panel coded in both Census and DOT terms.

5. A 100,000 card sample of the 1960 census experienced civilian labor force containing the occupation, industry, and class of worker entries transcribed from the 1960 census schedules. This permitted a quantitative analysis of the composition of each category by job title.

The following types of revisions were made:

1. Existing categories were separated into two or more categories when the components were large enough to be separately identified. For example, the 1960 category "lawyers and judges" was split into two distinct categories. The 1960 category "linemen and servicemen, telegraph, telephone, and power" was divided to form three new categories: "electric power linemen and cablemen," "telephone installers and repairmen," and "telephone linemen and splicers."

2. In some cases, a portion of a category was shifted to another to make each more homogeneous. For example, the 1960 category "porters" contained occupations with very different job activities. Consequently, this category was eliminated and the components placed in categories with similar job activities. Most of the category was placed with the 1970 group "cleaners and charwomen." The remainder was divided between "baggage porters and bellhops" and "vehicle washers and equipment cleaners."

3. Large miscellaneous categories such as "operatives, n.e.c." and "clerical and kindred workers, n.e.c." were reduced in size or eliminated since these categories contained a large number of persons and offered only a very general description. For example, the 1960 category "agents, n.e.c." was eliminated with its components used to form new categories or placed in more specific categories.

In addition, many growth occupations were separated from these miscellaneous categories. In 1960, there were no categories relating to occupations in the computer science field. Job titles relating to this field were included in the 1960 category "professional, technical, and kindred workers, n.e.c." In 1970, three distinct professional categories were identified for occupations in this area: "computer programmers," "computer systems analysts," and "computer specialists, n.e.c."

4. An attempt was made to eliminate the industrial overtones associated with some occupational categories. As an illustration, such job titles as carpenters and bulldozer operators employed in mines or logging camps were removed from "mine operatives and laborers, n.e.c." and "lumbermen, raftsmen, and woodchoppers" and placed in their appropriate occupation categories. Thus any one 1960 category may have had no change made, only a small portion moved to another category, or major portions assigned to either existing or new categories.

After placement of the job titles was completed, quantitative estimates of the 1970 classification changes were made for the 1960 experienced civilian labor force data published in the United States Census of Population: 1960, Detailed Characteristics, U.S. Summary. The following procedures were used to determine these levels.

The first step was to calculate on the basis of the 100,000 card sample (Item 5 of the source material noted above) an estimate of the percent of a 1960 category which would be in a different category in the 1970 system. For each 1960 category then, cards containing job titles which were transferred to another category in the 1970 classification were counted separately for male and female. An adjustment percent was calculated individually for males and females by dividing the number of cards transferred to each 1970 category by the total number of cards in the 1960 category.

The second step was to apply these percents to the published data in the 1960 Detailed Characteristics, U.S. Summary table 201 to produce a numerical estimate of the change. For example, as mentioned above, the 1960 category "lawyers and judges" was split into two distinct categories for 1970. There were 12 cards (male) for judges of the total 286 cards (male) in the category. Thus, judges formed 4.196 percent of the category. This percent was then applied to the 1960 total of 205,515

male "lawyers and judges" in the experienced civilian labor force to produce an estimate of 8,623 judges in 1960. (These adjustment percents, 4.196 for male judges, are presented in columns 5 and 8 of tables 1 and 2.)

Table A presents the effect of the revisions at the major group level for 1960 experienced civilian labor force data by sex.

Table A. Summary of Estimated Changes Among Major Occupation Groups in the 1960 Experienced Civilian Labor Force Because of Changes in the Census Classification Between 1960 and 1970

Occupational Classification

(Number of persons)

Major occupation group	1960 data in terms of--		Difference
	1970 classification system	1960 classification system	
MALE			
1960 experienced civilian labor force, total..	45,686,325	45,686,325	-
Professional, technical, and kindred workers.....	4,365,945	4,542,702	-176,757
Managers and administrators, except farm.....	4,863,783	4,695,203	+168,580
Sales workers.....	3,062,548	3,054,979	+7,569
Clerical and kindred workers.....	3,024,059	3,120,137	-96,078
Craftsmen and kindred workers.....	9,170,054	8,972,749	+197,305
Operatives, except transport.....	6,099,071	9,233,779	-500,727
Transport equipment operatives.....	2,633,981		
Laborers, except farm.....	3,562,122	3,404,973	+157,149
Farmers and farm managers.....	2,408,023	2,406,089	+1,934
Farm laborers and farm foremen.....	1,329,187	1,289,827	+39,360
Service workers, except private household.....	2,946,953	2,745,288	+201,665
Private household workers.....	65,013	65,013	-
Occupation not reported.....	2,155,586	2,155,586	-
FEMALE			
1960 experienced civilian labor force, total..	22,303,748	22,303,748	-
Professional, technical, and kindred workers.....	2,723,895	2,792,997	-69,102
Managers and administrators, except farm.....	844,464	794,286	+50,178
Sales workers.....	1,736,005	1,746,362	-10,357
Clerical and kindred workers.....	6,407,047	6,497,350	-90,303
Craftsmen and kindred workers.....	295,257	268,234	+27,023
Operatives, except transport.....	3,481,739	3,612,265	-91,037
Transport equipment operatives.....	39,489		
Laborers, except farm.....	193,115	125,049	+68,066
Farmers and farm managers.....	119,732	119,818	-86
Farm laborers and farm foremen.....	275,048	269,697	+5,351
Service workers, except private household.....	3,138,629	3,020,193	+118,436
Private household workers.....	1,751,635	1,759,804	-8,169
Occupation not reported.....	1,297,693	1,297,693	-

- Represents zero.

Rewards to the Industrial Classification

The 1970 industrial classification system is patterned after the 1967 Standard Industrial Classification (SIC) established by the Office of Management and Budget. The revised Census classification contains 227 categories as opposed to 150 in 1960. Most of the changes have resulted in establishing smaller, more homogeneous groups from larger groups. One major classification revision was made. This was the transfer of government welfare activities to "welfare services" in the major group "professional and related services" from "public administration."

Although the Census system is developed from the Standard Industrial Classification, there is one difference which should be noted. In the 1967 SIC, all government workers are classified under a "government division" by level of government regardless of their activities. Within each level of government the SIC is further classified by industrial activity. One of these industrial activities is "regular government function—executive, legislative, and judicial." The Population Census, on the other hand, classifies all like industrial activity together without regard to government ownership. This classification system includes a major group "public administration" which can be equated to the "regular government

functions" category in the SIC. (The Population Census identifies government ownership, by level of government, in its class of worker item.) For example, the SIC would classify a person employed by the highway construction activity of the State highway department primarily as State government, and secondarily as "general contractor, except building." The Census would classify the person in the "general contractor, except building" industry, and identify the State government ownership in the independent class of worker item.

The following sources were used in revising the system:

1. The Standard Industrial Classification (1967)

2. The United States Bureau of the Census, County Business Patterns 1967, U.S. Summary CBP-67-1 giving first quarter 1967 employment data according to the SIC.

3. The 100,000 card sample of the 1960 census which was also used for revising the occupation classification.

The 100,000 card sample permitted the preparation of estimates of the effect of the revisions on the classification of 1960 data. The process of assigning weights to these cards was the same as used for the occupation revisions. However, for the industry changes, table 210 which presents detailed industry data in the Detailed Characteristics, U.S. Summary was used as a base for applying the industry adjustment percents to form the numerical estimates.

Presented in table B is the 1960 experienced civilian labor force classified by the 1960 and 1970 systems showing differences at the major group level by sex.

Table B. Summary of Estimated Changes Among Major Industry Groups in the 1960 Experienced Civilian Labor Force Because of Changes in the Census Classification Between 1960 and 1970

Industrial Classification

(Number of persons)

Major industry group	1960 data in terms of--		Difference
	1970 classifi- cation system	1960 classifi- cation system	
MALE			
1960 experienced civilian labor force, total..	45,686,330	45,686,330	-
Agriculture, forestry, and fisheries.....	4,068,493	4,069,054	-561
Mining.....	680,584	680,584	-
Construction.....	4,140,749	4,140,749	+3,731
Durable goods manufacturing.....	8,540,593	8,536,862	-3,170
Nondurable goods manufacturing.....	5,209,841	5,213,011	-
Transportation, communications, and other public utilities.....	3,837,026	3,837,026	-
Wholesale and retail trade.....	7,707,377	7,707,377	+735
Finance, insurance, and real estate.....	1,490,478	1,489,743	-1,969
Business and repair services.....	1,321,658	1,323,627	+2,635
Personal services.....	1,143,898	1,141,263	-
Entertainment and recreation services.....	381,807	381,807	+48,851
Professional and related services.....	3,117,734	3,068,883	-50,252
Public administration.....	2,314,545	2,364,797	-
Industry not reported.....	1,731,547	1,731,547	-
FEMALE			
1960 experienced civilian labor force, total..	22,303,748	22,303,748	-
Agriculture, forestry, and fisheries.....	450,278	450,278	-
Mining.....	33,077	33,077	-
Construction.....	161,558	161,558	+612
Durable goods manufacturing.....	1,876,941	1,876,329	-612
Nondurable goods manufacturing.....	2,909,089	2,909,701	-
Transportation, communications, and other public utilities.....	795,990	795,990	-
Wholesale and retail trade.....	4,655,177	4,655,177	-582
Finance, insurance, and real estate.....	1,258,697	1,259,279	-1,539
Business and repair services.....	358,131	359,670	+794
Personal services.....	2,933,890	2,933,096	-
Entertainment and recreation services.....	171,960	171,960	+71,183
Professional and related services.....	4,716,544	4,645,361	-69,856
Public administration.....	866,902	936,758	-
Industry not reported.....	1,115,514	1,115,514	-

- Represents zero.

Explanation of Tables 1 and 2

This report presents the 1960 experienced civilian labor force data classified according to the new systems. Table 1 shows the derivations of

the new 1970 occupation categories and codes in terms of the 1960 categories which form each 1970 category and table 2 shows the derivations for the industry system. The adjustment percents which were calculated on the basis of the 1960 sample card deck to reclassify the 1960 data are also provided.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force (3)	Percent of 1970 category (4)	Percent of 1960 category in this 1970 category (5)	Experi- enced civilian labor force (6)	Percent of 1970 category (7)	Percent of 1960 category in this 1970 category (8)
001	Accountants..... Accountants and auditors (000)..... Statisticians and actuaries (174)..... Agents, n.e.c. (301)..... Clerical and kindred workers, n.e.c. (370).....	414,026 396,343 962 2,408 14,313	100.000 95.729 .232 .582 3.457	(X) 100.000 6.250 1.807 1.166	81,860 80,483 - - 1,377	100.000 98.318 - - 1.682	(X) 100.000 - - .077

Shown above is the boxhead used for table 1 with a category entry for illustration and a description of the contents of each column. The format of the industry table (table 2) is identical.

Column (1) - 1970 classification codes

(2) - 1970 category title shown opposite the code and followed by a listing of the 1960 component categories and codes.

(3) and (6) - 1960 experienced civilian labor force data showing the totals by sex for the 1970 categories and the amounts transferred from the 1960 component items.

(4) and (7) - Percentage distribution of data in columns 3 and 6.

(5) and (8) - Percent of the 1960 category transferred to the 1970 category by sex.

The adjustment percents were calculated in order to provide comparable historical industry and occupation data for publication in the 1970 Census of Population PC(1)-C series General Social and Economic Characteristics and series PC(1)-D Detailed Characteristics. In the detailed occupation tables in the Detailed Characteristics reports, several occupation categories present a distribution of the category by industry subdivisions. The percentage distribution of the 1970 category will be shown for each industrial segment, not for the occupation category as a whole. (See occupation 441 "foremen, n.e.c." on page 31 where the percents are shown for each industry.)

For comparison purposes, the 1960 and 1970 occupation and industry systems are listed following this text.

- List A - 1970 Census of Population Occupational Classification
- List B - 1960 Census of Population Occupational Classification
- List C - 1970 Census of Population Industrial Classification
- List D - 1960 Census of Population Industrial Classification

Generally, the 1970 code listings in the tables agree with those shown in Lists A and C. Some exceptions should be noted.

Some of the occupation categories in the 1970 classification scheme will not appear in table 1. Among these are occupations that had very few people employed in them at the time of the 1960 census, and for which no cards were found in the 100,000 sample card deck. Although

most of these occupations existed in 1960, no estimate was made of their size. These lines are marked with an asterisk on the 1970 occupation listing beginning on page 6. Another type of category not found in table 1 is the 1970 allocation categories. In the 1970 census nonresponses were allocated to unique allocation categories during the computer edit. The system contains an allocation category for each major group, which are listed on page 10. All nonresponses in the 1960 census were shown on one "not reported" line in the published reports. The 1960 "not reported" cases do not appear in table 1. However, the total for this category may be obtained from table A.

The industry table, table 2, contains all of the 1970 industry categories except for the allocation categories. Page 16 shows the fourteen allocation categories for the 12 industry major groups. As in table 1, the 1960 "not reported" cases do not appear in this table. The total, however, is shown in table B.

Limitations of the Data

Reliability of the estimates. Since the estimates are based on a sample, they may differ somewhat from figures obtained if the study had been made on all sample schedules of the 1960 census. The results are subject to errors of response, misclassification and other possible systematic biases arising in the processing or estimation steps as well as being subject to sampling variability.

The standard error is primarily a measure of sampling variability, that is, of the variations that occur by chance because a sample rather than the whole population is surveyed. The chances are about 2 out of 3 that the sampling process would produce an estimate differing by less than one standard error from the figure based on a complete count of all of the persons in the occupation or industry, and 95 out of 100 that the difference would be less than twice the standard error.

Table C displays the approximate standard errors of the estimates of totals of tables 1 and 2. Table D displays the approximate standard errors for the percentages listed in the column labeled "Percent of 1960 category in the 1970 category" of tables 1 and 2.

In order to derive standard errors that would be applicable to a wide variety of items and could be prepared at a moderate cost, a number of approximations were required. As a result, the tables of standard errors provide an indication of the order of magnitude of the standard errors rather than the precise standard error for any specific item.

Table C. Standard Errors of Estimated 1960 Totals

Estimated number in subgroup	Population in 1960 occupation or industry group								
	10,000	20,000	50,000	75,000	100,000	250,000	500,000	1,000,000	5,000,000
100.....	285	285	285	285	285	285	285	285	285
500.....	625	625	640	640	640	640	640	640	640
1,000.....	860	885	900	900	900	900	900	910	910
2,500.....	1,240	1,330	1,400	1,400	1,430	1,430	1,430	1,430	1,430
5,000.....	1,430	1,750	1,930	1,960	2,000	2,020	2,020	2,020	2,030
10,000.....	-	2,030	2,570	2,650	2,720	2,810	2,840	2,850	2,870
20,000.....	-	-	3,140	3,390	3,630	3,860	3,970	4,010	4,050
25,000.....	-	-	3,200	3,670	3,925	4,300	4,420	4,420	4,520
50,000.....	-	-	-	3,670	4,530	5,730	6,080	6,250	6,380
75,000.....	-	-	-	-	3,925	6,570	7,570	7,570	7,680
100,000.....	-	-	-	-	-	7,020	8,100	8,600	8,980
250,000....	-	-	-	-	-	-	10,130	12,410	13,970
500,000....	-	-	-	-	-	-	-	14,330	19,230
1,000,000..	-	-	-	-	-	-	-	-	25,640
2,500,000..	-	-	-	-	-	-	-	-	32,050

- Represents zero.

Table D. Standard Errors of Estimated 1960 Percentages

Estimated percentage of 1960 total	Population in 1960 occupation or industry group								
	10,000	20,000	50,000	75,000	100,000	250,000	500,000	1,000,000	5,000,000
1.....	2.8	2.0	1.3	1.0	0.9	0.6	0.4	0.3	0.1
5.....	6.2	4.4	2.8	2.3	2.0	1.2	0.9	0.6	0.3
10.....	8.6	6.1	3.8	3.1	2.7	1.7	1.2	0.9	0.4
20.....	11.5	8.1	5.1	4.2	3.6	2.3	1.6	1.1	0.5
25.....	12.4	8.8	5.6	4.5	3.9	2.5	1.8	1.2	0.6
50.....	14.3	10.1	6.4	5.2	4.5	2.9	2.0	1.4	0.6
75.....	12.4	8.8	5.6	4.5	3.9	2.5	1.8	1.2	0.6
80.....	11.5	8.1	5.1	4.2	3.6	2.3	1.6	1.2	0.6
90.....	8.6	6.1	3.8	3.1	2.7	1.7	1.2	0.9	0.5
95 or more	6.2	4.4	2.8	2.3	2.0	1.2	0.9	0.6	0.3

The reliability of an estimated number listed in table 1 or 2 (columns entitled "Experienced Civilian Labor Force") depends on both the size of the estimate and the size of the 1960 category from which it is derived. Table C presents the standard errors for 1960 estimated totals. Standard errors for estimated numbers, or percents, not shown in these tables may be approximated by linear interpolation.

Example: Table 1 shows 11,267 male "engineers, n.e.c." as a subgroup of "industrial engineers" (1970 code 013). To determine the standard error of this number, first divide the number 11,267 by the "Percentage of 1960 category in this 1970 category," $11267/0.13008 = 86,616$. This computes the 1960 base of the number. Table C shows a standard error of 2,785 for the estimate 11,267 with a base of 86,616, using linear interpolation between the appropriate columns.

The 1960 bases of the estimates may also be obtained from the U.S. Census of Population: 1960. Detailed Characteristics, U.S. Summary, Final Report PC(1)-D.

In addition, these standard error tables also apply when industry and occupation data published in the 1960 Census of Population Volume II reports are being converted to the 1970 classification systems. Detailed industry and occupation data can be found in the following reports:

7A-Occupational Characteristics
7C-Occupation by Industry
7F-Industrial Characteristics

To compute standard errors on the resultant 1970 estimate listed in the columns labeled "Experienced Civilian Labor Force," compute the standard error for each 1960 component comprising the 1970 total and compute the square root of the sums of squares of the 1960 standard errors.

$$\sigma_{1970} = \sqrt{\sum_i \sigma_{1960}^2}$$

Standard errors for the percentages listed in the column labeled "Percent 1960 category in this 1970 category" are computed in a similar manner as above, using the standard errors for percents listed in table D.

Related Reports

A number of reports have been published providing comparable time series for earlier industry and occupation decennial census data. These include the following: Changes Between the 1950 and 1960 Occupation and Industry Classifications (Bureau of the Census, Technical Paper No. 18) by John Priebe; Occupational Trends in the United States: 1900 to 1950 (Bureau of the Census, Working Paper No. 5) by David L. Kaplan and M. Claire Casey; Comparative Occupation Statistics for the United States, 1870 to 1940 by Alba M. Edwards.

In addition to this technical paper, a later report will be published showing 1960 and 1970 census data classified by the 1970 systems and presenting detailed job title and industry changes among categories.

1970 CENSUS OF POPULATION—OCCUPATIONAL CLASSIFICATION SYSTEM

List A

("N.e.c." means not elsewhere classified. Asterisks (*) identify codes which do not appear in table 1)

Occupation Code	PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS	Occupation Code	PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS—Continued
001	Accountants		Nurses, dietitians, and therapists
002	Architects	074	Dietitians
	Computer specialists	075	Registered nurses
003	Computer programmers	076	Therapists
004	Computer systems analysts		Health technologists and technicians
005	Computer specialists, n.e.c.	080	Clinical laboratory technologists and technicians
	Engineers	081	Dental hygienists
006	Aeronautical and astronautical engineers	082	Health record technologists and technicians
010	Chemical engineers	083	Radiologic technologists and technicians
011	Civil engineers	084	Therapy assistants
012	Electrical and electronic engineers	085	Health technologists and technicians, n.e.c.
013	Industrial engineers		Religious workers
014	Mechanical engineers	086	Clergymen
015	Metallurgical and materials engineers	090	Religious workers, n.e.c.
020	Mining engineers		Social scientists
021	Petroleum engineers	091	Economists
022	Sales engineers	*092	Political scientists
023	Engineers, n.e.c.	093	Psychologists
024	Farm management advisors	*094	Sociologists
025	Foresters and conservationists	095	Urban and regional planners
026	Home management advisors	096	Social scientists, n.e.c.
	Lawyers and judges		Social and recreation workers
030	Judges	100	Social workers
031	Lawyers	101	Recreation workers
	Librarians, archivists, and curators		Teachers, college and university
032	Librarians	102	Agriculture teachers
033	Archivists and curators	103	Atmospheric, earth, marine, and space teachers
	Mathematical specialists	104	Biology teachers
034	Actuaries	105	Chemistry teachers
035	Mathematicians	110	Physics teachers
036	Statisticians	111	Engineering teachers
	Life and physical scientists	112	Mathematics teachers
042	Agricultural scientists	113	Health specialties teachers
043	Atmospheric and space scientists	114	Psychology teachers
044	Biological scientists	115	Business and commerce teachers
045	Chemists	116	Economics teachers
051	Geologists	120	History teachers
*052	Marine scientists	121	Sociology teachers
053	Physicists and astronomers	122	Social science teachers, n.e.c.
054	Life and physical scientists, n.e.c.	123	Art, drama, and music teachers
055	Operations and systems researchers and analysts	124	Coaches and physical education teachers
056	Personnel and labor relations workers	125	Education teachers
	Physicians, dentists, and related practitioners	126	English teachers
061	Chiropractors	130	Foreign language teachers
062	Dentists	*131	Home economics teachers
063	Optometrists	132	Law teachers
064	Pharmacists	133	Theology teachers
065	Physicians, medical and osteopathic	134	Trade, industrial, and technical teachers
071	Podiatrists	135	Miscellaneous teachers, college and university
072	Veterinarians	140	Teachers, college and university, subject not specified
*073	Health practitioners, n.e.c.		

Occupation Code	PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS—Continued	Occupation Code	MANAGERS AND ADMINISTRATORS, EXCEPT FARM—Continued
	Teachers, except college and university	225	Purchasing agents and buyers, n.e.c.
141	Adult education teachers	226	Railroad conductors
142	Elementary school teachers	230	Restaurant, cafeteria, and bar managers
143	Prekindergarten and kindergarten teachers	231	Sales managers and department heads, retail trade
144	Secondary school teachers	233	Sales managers, except retail trade
145	Teachers, except college and university, n.e.c.	235	School administrators, college
	Engineering and science technicians	240	School administrators, elementary and secondary
150	Agriculture and biological technicians, except health	245	Managers and administrators, n.e.c.
151	Chemical technicians		
152	Draftsmen		
153	Electrical and electronic engineering technicians		
154	Industrial engineering technicians		
155	Mechanical engineering technicians		
*156	Mathematical technicians		
161	Surveyors		
162	Engineering and science technicians, n.e.c.		
	Technicians, except health, and engineering and science	260	Advertising agents and salesmen
163	Airplane pilots	261	Auctioneers
164	Air traffic controllers	262	Demonstrators
165	Embalmers	264	Hucksters and peddlers
170	Flight engineers	265	Insurance agents, brokers, and underwriters
171	Radio operators	266	Newsboys
172	Tool programmers, numerical control	270	Real estate agents and brokers
173	Technicians, n.e.c.	271	Stock and bond salesmen
174	Vocational and educational counselors	281	Sales representatives, manufacturing industries (Ind. 107-399)
	Writers, artists, and entertainers	282	Sales representatives, wholesale trade (Ind. 017-058, 507-599)
175	Actors	283	Sales clerks, retail trade (Ind. 608-699 except 618, 639, 649, 667, 668, 688)
180	Athletes and kindred workers	284	Salesmen, retail trade (Ind. 607, 618, 639, 649, 667, 668, 688)
181	Authors	285	Salesmen of services and construction (Ind. 067-078, 407-499, 707-947)
182	Dancers		
183	Designers		
184	Editors and reporters		
185	Musicians and composers		
190	Painters and sculptors		
191	Photographers		
192	Public relations men and publicity writers		
193	Radio and television announcers		
194	Writers, artists, and entertainers, n.e.c.		
195	Research workers, not specified		
	MANAGERS AND ADMINISTRATORS, EXCEPT FARM		
201	Assessors, controllers, and treasurers; local public administration	301	Bank tellers
202	Bank officers and financial managers	303	Billing clerks
203	Buyers and shippers, farm products	305	Bookkeepers
205	Buyers, wholesale and retail trade	310	Cashiers
210	Credit men	*311	Clerical assistants, social welfare
211	Funeral directors	312	Clerical supervisors, n.e.c.
212	Health administrators	313	Collectors, bill and account
213	Construction inspectors, public administration	314	Counter clerks, except food
215	Inspectors, except construction, public administration	315	Dispatchers and starters, vehicle
216	Managers and superintendents, building	320	Enumerators and interviewers
220	Office managers, n.e.c.	321	Estimators and investigators, n.e.c.
221	Officers, pilots, and pursers; ship	323	Expeditors and production controllers
222	Officials and administrators; public administration, n.e.c.	325	File clerks
223	Officials of lodges, societies, and unions	326	Insurance adjusters, examiners, and investigators
224	Postmasters and mail superintendents	330	Library attendants and assistants
		331	Mail carriers, post office
		332	Mail handlers, except post office
		333	Messengers and office boys
		334	Meter readers, utilities
		341	Office machine operators
		342	Bookkeeping and billing machine operators
		343	Calculating machine operators
		344	Computer and peripheral equipment operators
			Duplicating machine operators

SALES WORKERS

260	Advertising agents and salesmen
261	Auctioneers
262	Demonstrators
264	Hucksters and peddlers
265	Insurance agents, brokers, and underwriters
266	Newsboys
270	Real estate agents and brokers
271	Stock and bond salesmen
281	Sales representatives, manufacturing industries (Ind. 107-399)
282	Sales representatives, wholesale trade (Ind. 017-058, 507-599)
283	Sales clerks, retail trade (Ind. 608-699 except 618, 639, 649, 667, 668, 688)
284	Salesmen, retail trade (Ind. 607, 618, 639, 649, 667, 668, 688)
285	Salesmen of services and construction (Ind. 067-078, 407-499, 707-947)

CLERICAL AND KINDRED WORKERS

301	Bank tellers
303	Billing clerks
305	Bookkeepers
310	Cashiers
*311	Clerical assistants, social welfare
312	Clerical supervisors, n.e.c.
313	Collectors, bill and account
314	Counter clerks, except food
315	Dispatchers and starters, vehicle
320	Enumerators and interviewers
321	Estimators and investigators, n.e.c.
323	Expeditors and production controllers
325	File clerks
326	Insurance adjusters, examiners, and investigators
330	Library attendants and assistants
331	Mail carriers, post office
332	Mail handlers, except post office
333	Messengers and office boys
334	Meter readers, utilities
341	Office machine operators
342	Bookkeeping and billing machine operators
343	Calculating machine operators
344	Computer and peripheral equipment operators
	Duplicating machine operators

Occupation Code	CLERICAL AND KINDRED WORKERS—Continued	Occupation Code	CRAFTSMEN AND KINDRED WORKERS— Continued
	Office machine operators—Continued		
345	Key punch operators	453	Jewelers and watchmakers
350	Tabulating machine operators	454	Job and die setters, metal
355	Office machine operators, n.e.c.	455	Locomotive engineers
360	Payroll and timekeeping clerks	456	Locomotive firemen
361	Postal clerks	461	Machinists
362	Proofreaders	462	Machinist apprentices
363	Real estate appraisers	470	Mechanics and repairmen
364	Receptionists	471	Air conditioning, heating, and refrigeration
	Secretaries	472	Aircraft
370	Secretaries, legal	473	Automobile body repairmen
371	Secretaries, medical	474	Automobile mechanics
372	Secretaries, n.e.c.	*475	Automobile mechanic apprentices
374	Shipping and receiving clerks	480	Data processing machine repairmen
375	Statistical clerks	481	Farm implement
376	Stenographers	482	Heavy equipment mechanics, incl. diesel
381	Stock clerks and storekeepers	483	Household appliance and accessory installers and mechanics
382	Teacher aides, exc. school monitors	484	Loom fixers
383	Telegraph messengers	485	Office machine
384	Telegraph operators	486	Radio and television
385	Telephone operators	488	Railroad and car shop
390	Ticket, station, and express agents	491	Mechanic, exc. auto, apprentices
391	Typists	492	Miscellaneous mechanics and repairmen
392	Weighers	495	Not specified mechanics and repairmen
394	Miscellaneous clerical workers	501	Millers; grain, flour, and feed
395	Not specified clerical workers	502	Millwrights
	CRAFTSMEN AND KINDRED WORKERS		
401	Automobile accessories installers	503	Molders, metal
402	Bakers	504	Molder apprentices
403	Blacksmiths	505	Motion picture projectionists
404	Boilermakers	506	Opticians, and lens grinders and polishers
405	Bookbinders	510	Painters, construction and maintenance
410	Brickmasons and stonemasons	511	Painter apprentices
411	Brickmasons and stonemasons, apprentices	512	Paperhangars
412	Bulldozer operators	514	Pattern and model makers, exc. paper
413	Cabinetmakers	515	Photoengravers and lithographers
415	Carpenters	516	Piano and organ tuners and repairmen
416	Carpenter apprentices	520	Plasterers
420	Carpet installers	521	Plasterer apprentices
421	Cement and concrete finishers	522	Plumbers and pipe fitters
422	Compositors and typesetters	523	Plumber and pipe fitter apprentices
423	Printing trades apprentices, exc. pressmen	525	Power station operators
424	Cranemen, derrickmen, and hoistmen	530	Pressmen and plate printers, printing
425	Decorators and window dressers	531	Pressman apprentices
426	Dental laboratory technicians	533	Rollers and finishers, metal
430	Electricians	534	Roofers and slaters
431	Electrician apprentices	535	Sheetmetal workers and tinsmiths
433	Electric power linemen and cablemen	536	Sheetmetal apprentices
434	Electrotypers and stereotypers	540	Shipfitters
435	Engravers, exc. photoengravers	542	Shoe repairmen
436	Excavating, grading, and road machine operators; exc. bulldozer	543	Sign painters and letterers
440	Floor layers, exc. tile setters	545	Stationary engineers
441	Foremen, n.e.c.	546	Stone cutters and stone carvers
442	Forgemen and hammermen	550	Structural metal craftsmen
443	Furniture and wood finishers	551	Tailors
444	Furriers	552	Telephone installers and repairmen
445	Glaziers	554	Telephone linemen and splicers
446	Heat treaters, annealers, and temperers	560	Tile setters
450	Inspectors, scalers, and graders; log and lumber	561	Tool and die makers
452	Inspectors, n.e.c.	562	Tool and die maker apprentices
		563	Upholsterers
		571	Specified craft apprentices, n.e.c.
		572	Not specified apprentices

Occupation Code	CRAFTSMEN AND KINDRED WORKERS—Continued	Occupation Code	TRANSPORT EQUIPMENT OPERATIVES		
575	Craftsmen and kindred workers, n.e.c.	701	Boatmen and canalmen		
580	Former members of the Armed Forces	703	Bus drivers		
OPERATIVES, EXCEPT TRANSPORT					
601	Asbestos and insulation workers	704	Conductors and motormen, urban rail transit		
602	Assemblers	705	Deliverymen and routemen		
603	Blasters and powdermen	706	Fork lift and tow motor operatives		
604	Bottling and canning operatives	710	Motormen; mine, factory, logging camp, etc.		
605	Chainmen, rodmen, and axmen; surveying	711	Parking attendants		
610	Checkers, examiners, and inspectors; manufacturing	712	Railroad brakemen		
611	Clothing ironers and pressers	713	Railroad switchmen		
612	Cutting operatives, n.e.c.	714	Taxicab drivers and chauffeurs		
613	Dressmakers and seamstresses, except factory	715	Truck drivers		
614	Drillers, earth	LABORERS, EXCEPT FARM			
615	Dry wall installers and lathers	740	Animal caretakers, exc. farm		
620	Dyers	750	Carpenters' helpers		
621	Filers, polishers, sanders, and buffers	751	Construction laborers, exc. carpenters' helpers		
622	Furnacemen, smeltermen, and pourers	752	Fishermen and oystermen		
623	Garage workers and gas station attendants	753	Freight and material handlers		
624	Graders and sorters, manufacturing	754	Garbage collectors		
625	Produce graders and packers, except factory and farm	755	Gardeners and groundskeepers, exc. farm		
626	Heaters, metal	760	Longshoremen and stevedores		
630	Laundry and dry cleaning operatives, n.e.c.	761	Lumbermen, raftsmen, and woodchoppers		
631	Meat cutters and butchers, exc. manufacturing	762	Stock handlers		
633	Meat cutters and butchers, manufacturing	763	Teamsters		
634	Meat wrappers, retail trade	764	Vehicle washers and equipment cleaners		
635	Metal platers	770	Warehousemen, n.e.c.		
636	Milliners	780	Miscellaneous laborers		
640	Mine operatives, n.e.c.	785	Not specified laborers		
641	Mixing operatives	FARMERS AND FARM MANAGERS			
642	Oilers and greasers, exc. auto	801	Farmers (owners and tenants)		
643	Packers and wrappers, except meat and produce	802	Farm managers		
644	Painters, manufactured articles	FARM LABORERS AND FARM FOREMEN			
645	Photographic process workers	821	Farm foremen		
	Precision machine operatives	822	Farm laborers, wage workers		
650	Drill press operatives	823	Farm laborers, unpaid family workers		
651	Grinding machine operatives	824	Farm service laborers, self-employed		
652	Lathe and milling machine operatives	SERVICE WORKERS, EXC. PRIVATE HOUSEHOLD			
653	Precision machine operatives, n.e.c.	901	Cleaning service workers		
656	Punch and stamping press operatives	902	Chambermaids and maids, except private household		
660	Riveters and fasteners	903	Cleaners and charwomen		
661	Sailors and deckhands	Food service workers			
662	Sawyers	910	Bartenders		
663	Sewers and stitchers	911	Busboys		
664	Shoemaking machine operatives	912	Cooks, except private household		
665	Solderers	913	Dishwashers		
666	Stationary firemen	914	Food counter and fountain workers		
	Textile operatives	915	Waiters		
670	Carding, lapping, and combing operatives	916	Food service workers, n.e.c., except private household		
671	Knitters, loopers, and topers				
672	Spinners, twisters, and winders				
673	Weavers				
674	Textile operatives, n.e.c.				
680	Welders and flame-cutters				
681	Winding operatives, n.e.c.				
690	Machine operatives, miscellaneous specified				
692	Machine operatives, not specified				
694	Miscellaneous operatives				
695	Not specified operatives				

Occupation Code	SERVICE WORKERS, EXC. PRIVATE HOUSEHOLD—Continued	Occupation Code	PRIVATE HOUSEHOLD WORKERS
921	Health service workers	980	Child care workers, private household
922	Dental assistants	981	Cooks, private household
923	Health aides, exc. nursing	982	Housekeepers, private household
924	Health trainees	983	Laundresses, private household
925	Lay midwives	984	Maids and servants, private household
926	Nursing aides, orderlies, and attendants		
	Practical nurses		
	Personal service workers		ALLOCATION CATEGORIES ¹
931	Airline stewardesses	196	Professional, technical, and kindred workers—allocated
932	Attendants, recreation and amusement	246	Managers and administrators, except farm—allocated
933	Attendants, personal service, n.e.c.	296	Sales workers—allocated
934	Baggage porters and bellhops	396	Clerical and kindred workers—allocated
935	Barbers	586	Craftsmen and kindred workers—allocated
940	Boarding and lodging house keepers	696	Operatives, except transport—allocated
941	Bootblacks	726	Transport equipment operatives—allocated
942	Child care workers, exc. private household	796	Laborers, except farm—allocated
943	Elevator operators	806	Farmers and farm managers—allocated
944	Hairdressers and cosmetologists	846	Farm laborers and farm foremen—allocated
945	Personal service apprentices	976	Service workers, exc. private household—allocated
950	Housekeepers, exc. private household	986	Private household workers—allocated
952	School monitors		
953	Ushers, recreation and amusement		
954	Welfare service aides		
	Protective service workers		
960	Crossing guards and bridge tenders		
961	Firemen, fire protection		
962	Guards and watchmen		
963	Marshals and constables		
964	Policemen and detectives		
965	Sheriffs and bailiffs		

¹ Those returns from the Population Census which do not have an occupation entry are allocated among the major occupation groups during computer processing. These cases are labeled with the code for the "allocation" category to which they are assigned.

1960 CENSUS OF POPULATION--OCCUPATIONAL CLASSIFICATION

List B

("N.e.c." means not elsewhere classified)

Occupation Code	PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS	Occupation Code	PROFESSIONAL, TECHNICAL, AND KINDRED WORKERS—Continued
000	Accountants and auditors	134	Geologists and geophysicists
010	Actors and actresses	135	Mathematicians
012	Airplane pilots and navigators	140	Physicists
013	Architects	145	Miscellaneous natural scientists
014	Artists and art teachers	150	Nurses, professional
015	Athletes	151	Nurses, student professional
020	Authors	152	Optometrists
021	Chemists	153	Osteopaths
022	Chiropractors	154	Personnel and labor relations workers
023	Clergymen	160	Pharmacists
	College presidents, professors, and instructors, n.e.c.	161	Photographers
030	College presidents and deans	162	Physicians and surgeons
	Professors and instructors	163	Public relations men & publicity writers
031	Agricultural sciences	164	Radio operators
032	Biological sciences	165	Recreation and group workers
034	Chemistry	170	Religious workers
035	Economics	171	Social and welfare workers, exc. group
040	Engineering		Social scientists
041	Geology and geophysics		Economists
042	Mathematics	172	Psychologists
043	Medical sciences	173	Statisticians and actuaries
045	Physics	174	Miscellaneous social scientists
050	Psychology	175	Sports instructors and officials
051	Statistics	180	Surveyors
052	Natural sciences, n.e.c.	181	Teachers, elementary schools
053	Social sciences, n.e.c.	182	Teachers, secondary schools
054	Nonscientific subjects	183	Teachers, n.e.c.
060	Subject not specified	184	Technicians, medical and dental
070	Dancers and dancing teachers	185	Technicians, electrical and electronic
071	Dentists	190	Technicians, other engineering and physical sciences
072	Designers	191	Technicians, n.e.c.
073	Dietitians and nutritionists	192	Therapists and healers, n.e.c.
074	Draftsmen	193	Veterinarians
075	Editors and reporters	194	Professional, technical, and kindred workers, n.e.c.
	Engineers	195	
080	Aeronautical		FARMERS AND FARM MANAGERS
081	Chemical		
082	Civil		
083	Electrical	200	Farmers (owners and tenants)
084	Industrial	222	Farm managers
085	Mechanical		
090	Metallurgical and metallurgists		MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM
091	Mining		
092	Sales		
093	Engineers, n.e.c.		
101	Entertainers, n.e.c.	250	Buyers and department heads, store
102	Farm and home management advisers	251	Buyers and shippers, farm products
103	Foresters and conservationists	252	Conductors, railroad
104	Funeral directors and embalmers	253	Credit men
105	Lawyers and judges	254	Floor men and floor managers, store
111	Librarians	260	Inspectors, public administration
120	Musicians and music teachers	262	Managers and superintendents, building
	Natural scientists, n.e.c.	265	Officers, pilots, pursers, and engineers, ship
130	Agricultural scientists	270	Officials and administrators, n.e.c., public
	Biological scientists		administration

Occupation	MANAGERS, OFFICIALS, AND PROPRIETORS, EXCEPT FARM—Continued	Occupation	CRAFTSMEN, FOREMEN, AND KINDRED WORKERS—Continued
Code		Code	
275	Officials, lodge, society, union, etc.	430	Foremen, n.e.c.
280	Postmasters	431	Forgemen and hammermen
285	Purchasing agents and buyers, n.e.c.	432	Furriers
290	Managers, officials, & proprietors, n.e.c.	434	Glaziers
	CLERICAL AND KINDRED WORKERS	435	Heat treaters, annealers, and temperers
301	Agents, n.e.c.	444	Inspectors, scalers, and graders, log and lumber
302	Attendants and assistants, library	450	Inspectors, n.e.c.
303	Attendants, physician's and dentist's office	451	Jewelers, watchmakers, goldsmiths, and silversmiths
304	Baggagemen, transportation	452	Job setters, metal
305	Bank tellers	453	Linemen and servicemen, telegraph, telephone, and power
310	Bookkeepers	454	Locomotive engineers
312	Cashiers	460	Locomotive firemen
313	Collectors, bill and account	461	Loom fixers
314	Dispatchers and starters, vehicle	465	Machinists
315	Express messengers and railway mail clerks	470	Mechanics and repairmen, air conditioning, heating, and refrigeration
320	File clerks	471	Mechanics and repairmen, airplane
321	Insurance adjusters, examiners, and investigators	472	Mechanics and repairmen, automobile
323	Mail carriers	473	Mechanics and repairmen, office machine
324	Messengers and office boys	474	Mechanics and repairmen, radio and television
325	Office machine operators	475	Mechanics and repairmen, railroad and car shop
333	Payroll and timekeeping clerks	480	Mechanics and repairmen, n.e.c.
340	Postal clerks	490	Millers, grain, flour, feed, etc.
341	Receptionists	491	Millwrights
342	Secretaries	492	Molders, metal
343	Shipping and receiving clerks	493	Motion picture projectionists
345	Stenographers	494	Opticians, and lens grinders and polishers
350	Stock clerks and storekeepers	495	Painters, construction and maintenance
351	Telegraph messengers	501	Paperhangars
352	Telegraph operators	502	Pattern and model makers, except paper
353	Telephone operators	503	Photoengravers and lithographers
354	Ticket, station, and express agents	504	Piano and organ tuners and repairmen
360	Typists	505	Plasterers
370	Clerical and kindred workers, n.e.c.	510	Plumbers and pipe fitters
	SALES WORKERS	512	Pressmen and plate printers, printing
380	Advertising agents and salesmen	513	Rollers and roll hands, metal
381	Auctioneers	514	Roofers and slaters
382	Demonstrators	515	Shoemakers and repairers, except factory
383	Hucksters and peddlers	520	Stationary engineers
385	Insurance agents, brokers, and underwriters	521	Stone cutters and stone carvers
390	Newsboys	523	Structural metal workers
393	Real estate agents and brokers	524	Tailors and tailoresses
394	Salesmen and sales clerks, n.e.c.	525	Tinsmiths, coppersmiths, and sheet metal workers
395	Stock and bond salesmen	530	Toolmakers, and die makers and setters
	CRAFTSMEN, FOREMEN, AND KINDRED WORKERS	535	Upholsterers
401	Bakers	545	Craftsmen and kindred workers, n.e.c.
402	Blacksmiths	555	Members of the Armed Forces, and former members of the Armed Forces
403	Boilermakers		
404	Bookbinders		
405	Brickmasons, stonemasons, and tile setters		
410	Cabinetmakers	601	Apprentice auto mechanics
411	Carpenters	602	Apprentice bricklayers and masons
413	Cement and concrete finishers	603	Apprentice carpenters
414	Compositors and typesetters	604	Apprentice electricians
415	Cranemen, derrickmen, and hoistmen	605	Apprentice machinists and toolmakers
420	Decorators and window dressers	610	Apprentice mechanics, except auto
421	Electricians	612	Apprentice plumbers and pipe fitters
423	Electrotypers and stereotypers		
424	Engravers, except photoengravers		
425	Excavating, grading, and machinery operators		

OPERATIVES AND KINDRED WORKERS¹

¹ Mine laborers are included in the major group "Operatives and kindred workers."

Occupation Code	OPERATIVES AND KINDRED WORKERS ¹ —Continued	Occupation Code	SERVICE WORKERS, EXCEPT PRIVATE HOUSEHOLD
613	Apprentices, building trades, n.e.c.	810	Attendants, hospital and other institutions
614	Apprentices, metalworking trades, n.e.c.	812	Attendants, professional and personal service, n.e.c.
615	Apprentices, printing trades	813	Attendants, recreation and amusement
620	Apprentices, other specified trades	814	Barbers
621	Apprentices, trade not specified	815	Bartenders
630	Asbestos and insulation workers	820	Bootblacks
631	Assemblers	821	Boarding and lodging housekeepers
632	Attendants, auto service and parking	823	Chambermaids and maids, except private household
634	Blasters and powdermen	824	Charwomen and cleaners
635	Boatmen, canalmen, and lock keepers	825	Cooks, except private household
640	Brakemen, railroad	830	Counter and fountain workers
641	Bus drivers	831	Elevator operators
642	Chainmen, rodmen, and axmen, surveying	832	Housekeepers and stewards, except private household
643	Checkers, examiners, and inspectors, manufacturing	834	Janitors and sextons
645	Conductors, bus and street railway	835	Kitchen workers, n.e.c., except private household
650	Deliverymen and routemen	840	Midwives
651	Dressmakers and seamstresses, except factory	841	Porters
652	Dyers	842	Practical nurses
653	Filers, grinders, and polishers, metal	843	Hairdressers and cosmetologists
654	Fruit, nut, and vegetable graders and packers, except factory	850	Protective service workers
670	Furnacemen, smeltermen, and pourers	851	Firemen, fire protection
671	Graders and sorters, manufacturing	852	Guards, watchmen, and doorkeepers
672	Heaters, metal	853	Marshal's and constables
673	Knitters, loopers, and topers, textile	854	Policemen and detectives
674	Laundry and dry cleaning operatives	860	Sheriffs and bailiffs
675	Meat cutters, except slaughter and packing house	874	Watchmen (crossing) and bridge tenders
680	Milliners	875	Ushers, recreation and amusement
685	Mine operatives and laborers, n.e.c.	890	Waiters and waitresses
690	Motormen, mine, factory, logging camp, etc.		Service workers, except private household, n.e.c.
691	Motormen, street, subway, and elevated railway		
692	Oilers and greasers, except auto		
693	Packers and wrappers, n.e.c.	901	Farm foremen
694	Painters, except construction and maintenance	902	Farm laborers, wage workers
695	Photographic process workers	903	Farm laborers, unpaid family workers
701	Power station operators	905	Farm service laborers, self-employed
703	Sailors and deck hands		
704	Sawyers		
705	Sewers and stitchers, manufacturing		
710	Spinners, textile	960	Carpenters' helpers, except logging and mining
712	Stationary firemen	962	Fishermen and oystermen
713	Switchmen, railroad	963	Garage laborers, and car washers and greasers
714	Taxicab drivers and chauffeurs	964	Gardeners, except farm, and groundskeepers
715	Truck and tractor drivers	965	Longshoremen and stevedores
720	Weavers, textile	970	Lumbermen, raftsmen, and woodchoppers
721	Welders and flame-cutters	971	Teamsters
775	Operatives and kindred workers, n.e.c.	972	Truck drivers' helpers
		973	Warehousemen, n.e.c.
		985	Laborers, n.e.c.
		995	OCCUPATION NOT REPORTED

PRIVATE HOUSEHOLD WORKERS

- 801 Baby sitters, private household
 802 Housekeepers, private household
 803 Laundresses, private household
 804 Private household workers, n.e.c.

¹ Mine laborers are included in the major group "Operatives and kindred workers."

1970 CENSUS OF POPULATION—INDUSTRIAL CLASSIFICATION SYSTEM

List C

(Numbers in parentheses following the industry categories are the SIC definitions. "N.e.c." means not elsewhere classified.)

Industry Code	AGRICULTURE, FORESTRY, AND FISHERIES	Industry Code	MANUFACTURING—Continued
017	Agricultural production (01)	168	Miscellaneous fabricated metal products (341, 343, 347, 348, 349)
018	Agricultural services, except horticultural (07 except 0713 and 073)	169	Not specified metal industries
019	Horticultural services (073)	177	Machinery, except electrical
027	Forestry (08)	178	Engines and turbines (351)
028	Fisheries (09)	179	Farm machinery and equipment (352)
	MINING	187	Construction and material handling machines (353)
047	Metal mining (10)	188	Metalworking machinery (354)
048	Coal mining (11, 12)	189	Office and accounting machines (357 except 3573)
049	Crude petroleum and natural gas extractions (13)	197	Electronic computing equipment (3573)
057	Nonmetallic mining and quarrying, except fuel (14)	198	Machinery, except electrical, n.e.c. (355, 356, 358, 359)
	CONSTRUCTION	198	Not specified machinery
067	General building contractors (15)	199	Electrical machinery, equipment, and supplies
068	General contractors, except building (16)	207	Household appliances (363)
069	Special trade contractors (17)	207	Radio, T.V., and communication equipment (365, 366)
077	Not specified construction	208	Electrical machinery, equipment, and supplies, n.e.c. (361, 362, 364, 367, 369)
	MANUFACTURING	209	Not specified electrical machinery, equipment, and supplies
	<u>Durable goods</u>		Transportation equipment
107	Lumber and wood products, except furniture	219	Motor vehicles and motor vehicle equipment (371)
108	Logging (241)	227	Aircraft and parts (372)
109	Sawmills, planing mills, and mill work (242, 243)	228	Ship and boat building and repairing (373)
118	Miscellaneous wood products (244, 249)	229	Railroad locomotives and equipment (374)
	Furniture and fixtures (25)	237	Mobile dwellings and campers (3791)
119	Stone, clay, and glass products	238	Cycles and miscellaneous transportation equipment (375, 3799)
127	Glass and glass products (321-323)		Professional and photographic equipment, and watches
128	Cement, concrete, gypsum, and plaster products (324, 327)	239	Scientific and controlling instruments (381, 382)
137	Structural clay products (325)	247	Optical and health services supplies (383, 384, 385)
138	Pottery and related products (326)	248	Photographic equipment and supplies (386)
	Miscellaneous nonmetallic mineral and stone products (328, 329)	249	Watches, clocks, and clockwork-operated devices (387)
139	Metal industries	257	Not specified professional equipment
147	Blast furnaces, steel works, rolling and finishing mills (3312, 3313)	258	Ordnance (19)
148	Other primary iron and steel industries (3315-3317, 332, 3391, part 3399)	259	Miscellaneous manufacturing industries (39)
149	Primary aluminum industries (3334, part 334, 3352, 3361, part 3392, part 3399)		<u>Nondurable goods</u>
	Other primary nonferrous industries (3331-3333, 3339, part 334, 3351, 3356, 3357, 3362, 3369, part 3392, part 3399)	268	Food and kindred products
157	Cutlery, hand tools, and other hardware (342)	269	Meat products (201)
158	Fabricated structural metal products (344)	278	Dairy products (202)
159	Screw machine products (345)	279	Canning and preserving fruits, vegetables, and sea foods (203)
167	Metal stamping (346)	287	Grain-mill products (204, 0713)
		288	Bakery products (205)
			Confectionery and related products (207)

Industry Code	MANUFACTURING—Continued	Industry Code	TRANSPORTATION, COMMUNICATIONS, AND OTHER PUBLIC UTILITIES—Continued
289	Beverage industries (208)		
297	Miscellaneous food preparation and kindred products (206, 209)	447	<u>Communications</u>
298	Not specified food industries	448	Radio broadcasting and television (483)
299	Tobacco manufactures (21)	449	Telephone (wire and radio) (481)
	Textile mill products		Telegraph and miscellaneous communication services (482, 489)
307	Knitting mills (225)		
308	Dyeing and finishing textiles, except wool and knit goods (226)		<u>Utilities and sanitary services</u>
309	Floor coverings, except hard surface (227)	467	Electric light and power (491)
317	Yarn, thread, and fabric mills (221-224, 228)	468	Electric-gas utilities (493)
318	Miscellaneous textile mill products (229)	469	Gas and steam supply systems (492, 496)
	Apparel and other fabricated textile products	477	Water supply (494)
319	Apparel and accessories (231-238)	478	Sanitary services (495)
327	Miscellaneous fabricated textile products (239)	479	Other and not specified utilities (497)
	Paper and allied products		
328	Pulp, paper, and paperboard mills (261-263, 266)		WHOLESALE AND RETAIL TRADE
329	Miscellaneous paper and pulp products (264)		
337	Paperboard containers and boxes (265)		<u>Wholesale trade</u>
	Printing, publishing, and allied industries		
338	Newspaper publishing and printing (271)	507	Motor vehicles and equipment (501)
339	Printing, publishing, and allied industries, except newspapers (272-279)	508	Drugs, chemicals, and allied products (502)
	Chemicals and allied products	509	Dry goods and apparel (503)
347	Industrial chemicals (281)	527	Food and related products (504)
348	Plastics, synthetics and resins, except fibers (282, except 2823 and 2824)	528	Farm products—raw materials (505)
349	Synthetic fibers (2823, 2824)	529	Electrical goods (506)
357	Drugs and medicines (283)	537	Hardware, plumbing, and heating supplies (507)
358	Soaps and cosmetics (284)	538	Not specified electrical and hardware products
359	Paints, varnishes, and related products (285)	539	Machinery equipment and supplies (508)
367	Agricultural chemicals (287)	557	Metals and minerals, n.e.c. (5091)
368	Miscellaneous chemicals (286, 289)	558	Petroleum products (5092)
369	Not specified chemicals and allied products	559	Scrap and waste materials (5093)
	Petroleum and coal products	567	Alcoholic beverages (5095)
377	Petroleum refining (291)	568	Paper and its products (5096)
378	Miscellaneous petroleum and coal products (295, 299)	569	Lumber and construction materials (5098)
	Rubber and miscellaneous plastic products	587	Wholesalers, n.e.c. (5094, 5097, 5099)
379	Rubber products (301-303, 306)	588	Not specified wholesale trade
387	Miscellaneous plastic products (307)		
	Leather and leather products		<u>Retail trade</u>
388	Tanned, curried, and finished leather (311)	607	Lumber and building material retailing (521-524)
389	Footwear, except rubber (313, 314)	608	Hardware and farm equipment stores (525)
397	Leather products, except footwear (312, 315-317, 319)	609	Department and mail order establishments (531, 532)
398	Not specified manufacturing industries	617	Limited price variety stores (533)
		618	Vending machine operators (534)
		619	Direct selling establishments (535)
		627	Miscellaneous general merchandise stores (539)
		628	Grocery stores (541)
		629	Dairy products stores (545)
		637	Retail bakeries (546)
		638	Food stores, n.e.c. (542-544, 549)
		639	Motor vehicle dealers (551, 552)
		647	Tire, battery, and accessory dealers (553)
		648	Gasoline service stations (554)
		649	Miscellaneous vehicle dealers (559)
		657	Apparel and accessories stores, except shoe stores (56 except 566)
		658	Shoe stores (566)
		667	Furniture and home furnishings stores (571)
		668	Household appliances, TV, and radio stores (572, 573)
		669	Eating and drinking places (58)
		677	Drug stores (591)

Industry
Code WHOLESALE AND RETAIL TRADE—Continued

Retail trade—Continued

678 Liquor stores (592)
 679 Farm and garden supply stores (596)
 687 Jewelry stores (597)
 688 Fuel and ice dealers (598)
 689 Retail florists (5992)
 697 Miscellaneous retail stores (593-595, 599 exc. 5992)
 698 Not specified retail trade

FINANCE, INSURANCE, AND REAL ESTATE

707 Banking (60)
 708 Credit agencies (61)
 709 Security, commodity brokerage, and investment companies (62, 67)
 717 Insurance (63, 64)
 718 Real estate, incl. real estate-insurance-law offices (65, 66)

BUSINESS AND REPAIR SERVICES

727 Advertising (731)
 728 Services to dwellings and other buildings (734)
 729 Commercial research, development, and testing labs (7391, 7397)
 737 Employment and temporary help agencies (736, 7398)
 738 Business management and consulting services (part 7392)
 739 Computer programing services (part 7392)
 747 Detective and protective services (7393)
 748 Business services, n.e.c. (732, 733, 735, 7394, 7395, 7396, 7399)
 749 Automobile services, except repair (751, 752, 754)
 757 Automobile repair and related services (753)
 758 Electrical repair shops (762, 7694)
 759 Miscellaneous repair services (763, 764, 769, except 7694)

PERSONAL SERVICES

769 Private households (88)
 777 Hotels and motels (701)
 778 Lodging places, except hotels and motels (702, 703, 704)
 779 Laundering, cleaning, and other garment services (721, 727)
 787 Beauty shops (723)
 788 Barber shops (724)
 789 Shoe repair shops (725)
 797 Dressmaking shops (part 729)
 798 Miscellaneous personal services (722, 726, part 729)

ENTERTAINMENT AND RECREATION SERVICES

807 Theaters and motion pictures (78, 792)
 808 Bowling alleys, billiard and pool parlors (793)
 809 Miscellaneous entertainment and recreation services (791, 794)

Industry
Code PROFESSIONAL AND RELATED SERVICES

828 Offices of physicians (801, 803)
 829 Offices of dentists (802)
 837 Offices of chiropractors (804)
 838 Hospitals (806)
 839 Convalescent institutions (8092)
 847 Offices of health practitioners, n.e.c. (part 8099)
 848 Health services, n.e.c. (807, part 8099)
 849 Legal services (81)
 857 Elementary and secondary schools (821)
 858 Colleges and universities (822)
 859 Libraries (823)
 867 Educational services, n.e.c. (824, 829)
 868 Not specified educational services
 869 Museums, art galleries, and zoos (84)
 877 Religious organizations (866)
 878 Welfare services (part 867)
 879 Residential welfare facilities (part 867)
 887 Nonprofit membership organizations (861-865, 869)
 888 Engineering and architectural services (891)
 889 Accounting, auditing, and bookkeeping services (893)
 897 Miscellaneous professional and related services (892, 899)

PUBLIC ADMINISTRATION

907 Postal service (part 9190)
 917 Federal public administration (part 9190, 9490)
 927 State public administration (9290)
 937 Local public administration (9390)

ALLOCATION CATEGORIES¹

029 Agriculture, forestry, and fisheries—allocated
 058 Mining—allocated
 078 Construction—allocated
 267 Manufacturing, durable goods—allocated
 399 Manufacturing, nondurable goods—allocated
 499 Transportation, communications, and other public utilities—allocated
 599 Wholesale trade—allocated
 699 Retail trade—allocated
 719 Finance, insurance, and real estate—allocated
 767 Business and repair services—allocated
 799 Personal services—allocated
 817 Entertainment and recreation services—allocated
 899 Professional and related services—allocated
 947 Public administration—allocated

¹ Those returns from the Population Census which do not have an industry entry are allocated among the major industry groups during computer processing. These cases are labeled with the code for the "allocation" category to which they are assigned.

1960 CENSUS OF POPULATION--INDUSTRIAL CLASSIFICATION

List D

Industry Code	AGRICULTURE, FORESTRY, AND FISHERIES	Industry Code	MANUFACTURING—Continued
016	Agriculture		<u>Nondurable goods</u>
017	Forestry		Food and kindred products
018	Fisheries		Meat products
		306	Dairy products
		307	Canning and preserving fruits, vegetables, and seafoods
	MINING	308	Grain-mill products
126	Metal mining	309	Bakery products
136	Coal mining	316	Confectionery and related products
146	Crude petroleum and natural gas extraction	317	Beverage industries
156	Nonmetallic mining and quarrying, except fuel	318	Miscellaneous food preparations and kindred products
196	CONSTRUCTION	319	Not specified food industries
		326	Tobacco manufactures
	MANUFACTURING	329	
	<u>Durable goods</u>		Textile mill products
	Lumber and wood products, except furniture	346	Knitting mills
206	Logging	347	Dyeing and finishing textiles, except wool and knit goods
207	Sawmills, planing mills, and millwork	348	Floor covering, except hard surface
208	Miscellaneous wood products	349	Yarn, thread, and fabric mills
209	Furniture and fixtures	356	Miscellaneous textile mill products
	Stone, clay, and glass products		
216	Glass and glass products	359	Apparel and other fabricated textile products
217	Cement, and concrete, gypsum, and plaster products	367	Apparel and accessories
218	Structural clay products		Miscellaneous fabricated textile products
219	Pottery and related products		
236	Miscellaneous nonmetallic mineral and stone products		Paper and allied products
		386	Pulp, paper, and paperboard mills
	Metal industries	387	Paperboard containers and boxes
237	Blast furnaces, steel works, rolling and finishing mills	389	Miscellaneous paper and pulp products
238	Other primary iron and steel industries		
239	Primary nonferrous industries	396	Printing, publishing, & allied industries
246	Cutlery, handtools, and other hardware	398	Newspaper publishing and printing
247	Fabricated structural metal products		Printing, publishing, and allied industries, exc. newspapers
248	Miscellaneous fabricated metal products		
249	Not specified metal industries		Chemicals and allied products
	Machinery, except electrical	406	Synthetic fibers
256	Farm machinery and equipment	407	Drugs and medicines
257	Office, computing and accounting machines	408	Paints, varnishes, & related products
258	Miscellaneous machinery	409	Miscellaneous chemicals and allied products
259	Electrical machinery, equip. & supplies		
	Transportation equipment	416	Petroleum and coal products
267	Motor vehicles and motor vehicle equipment	419	Petroleum refining
268	Aircraft and parts		Miscellaneous petroleum and coal products
269	Ship and boat building & repairing	426	Rubber and miscellaneous plastic products
276	Railroad and miscellaneous transportation equipment	429	Rubber products
			Miscellaneous plastic products
	Professional and photographic equip., and watches		
286	Professional equipment and supplies	436	Leather and leather products
287	Photographic equipment and supplies	437	Leather: Tanned, curried, and finished
289	Watches, clocks, and clockwork-operated devices	438	Footwear, except rubber
296	Miscellaneous manufacturing industries	459	Leather products, except footwear
			Not specified manufacturing industries

**Industry
Code** **TRANSPORTATION, COMMUNICATION, AND
OTHER PUBLIC UTILITIES**

	Transportation
506	Railroads and railway express service
507	Street railways and bus lines
508	Taxicab service
509	Trucking service
516	Warehousing and storage
517	Water transportation
518	Air transportation
519	Petroleum and gasoline pipe lines
526	Services incidental to transportation

**Industry
Code** **FINANCE, INSURANCE, AND REAL ESTATE**

706	Banking and credit agencies
716	Security and commodity brokerage and investment companies
726	Insurance
736	Real estate (incl. real estate-insurance-law offices)

BUSINESS AND REPAIR SERVICES

	Communications
536	Radio broadcasting and television
538	Telephone (wire and radio)
539	Telegraph (wire and radio)
	Utilities and sanitary services
567	Electric light and power
568	Gas and steam supply systems
569	Electric-gas utilities
576	Water supply
578	Sanitary services
579	Other and not specified utilities

PERSONAL SERVICES

806	Advertising
807	Miscellaneous business services
808	Automobile repair services and garages
809	Miscellaneous repair services

WHOLESALE AND RETAIL TRADE

	Wholesale trade
606	Motor vehicles and equipment
607	Drugs, chemicals, and allied products
608	Dry goods and apparel
609	Food and related products
616	Farm products—raw materials
617	Electrical goods, hardware, and plumbing equipment
618	Machinery, equipment, and supplies
619	Petroleum products
626	Miscellaneous wholesale trade
629	Not specified wholesale trade

ENTERTAINMENT AND RECREATION SERVICES

816	Private households
826	Hotels and lodging places
828	Laundering, cleaning, and dyeing services
829	Dressmaking shops
836	Shoe repair shops
838	Barber and beauty shops
839	Miscellaneous personal services

PROFESSIONAL AND RELATED SERVICES

846	Theaters and motion pictures
848	Bowling alleys, and billiard and pool parlors
849	Miscellaneous entertainment and recreation services

636	Retail trade
637	Food stores, except dairy products
638	Dairy products stores and milk retailing
639	General merchandise retailing
646	Limited price variety stores
647	Apparel and accessories stores, except shoe stores
648	Shoe stores
649	Furniture and housefurnishings stores
656	Household appliances, TV, and radio stores
657	Motor vehicles and accessories retailing
658	Gasoline service stations
659	Drug stores
666	Eating and drinking places
676	Hardware and farm equipment stores
678	Lumber and building material retailing
679	Liquor stores
686	Retail florists
687	Jewelry stores
689	Fuel and ice dealers
696	Miscellaneous retail stores
	Not specified retail trade

867	Medical and other health services, except hospitals
868	Hospitals
869	Legal services
876	Educational services
879	Welfare and religious services
888	Nonprofit membership organizations
896	Engineering and architectural services
897	Accounting, auditing, and bookkeeping services
898	Miscellaneous professional and related services

PUBLIC ADMINISTRATION

906	Postal service
916	Federal public administration
926	State public administration
936	Local public administration

INDUSTRY NOT REPORTED

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding.)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
001	Accountants.....	414,026	100.000	(X)	81,860	100.000	(X)
	Accountants and auditors (000).....	396,343	95.729	100.000	80,483	98.318	100.000
	Statisticians and actuaries (174).....	962	.232	6.250	-	-	-
	Agents, n.e.c. (301).....	2,408	.582	1.807	-	-	-
	Clerical and kindred workers, n.e.c. (370).....	14,313	3.457	1.166	1,377	1.682	.077
002	Architects.....	37,260	100.000	(X)	811	100.000	(X)
	Architects (013).....	29,720	79.764	100.000	811	100.000	100.000
	Engineers, mechanical (085).....	610	1.637	.382	-	-	-
003	Computer programmers.....	6,930	18.599	2.778	-	-	-
	Professional, technical, and kindred workers, n.e.c. (195).....	6,068	100.000	(X)	2,215	100.000	(X)
004	Computer systems analysts.....	6,068	100.000	2.431	2,215	100.000	3.448
	Professional, technical, and kindred workers, n.e.c. (195).....	2,598	100.000	(X)	741	100.000	(X)
005	Computer specialists, n.e.c.	2,598	100.000	1.042	741	100.000	1.149
	Professional, technical, and kindred workers, n.e.c. (195)....	-	-	(X)	741	100.000	(X)
006	Aeronautical and astronautical engineers.....	51,868	100.000	(X)	848	100.000	(X)
010	Chemical engineers.....	51,868	100.000	100.000	848	100.000	100.000
	Engineers, chemical (081).....	41,521	100.000	(X)	404	100.000	(X)
011	Civil engineers.....	40,911	95.531	100.000	404	100.000	100.000
	Engineers, civil (082).....	157,170	100.000	(X)	918	100.000	(X)
012	Electrical and electronic engineers.....	157,170	100.000	100.000	918	100.000	100.000
	Engineers, electrical (083).....	186,453	100.000	(X)	1,492	100.000	(X)
013	Industrial engineers.....	183,636	98.489	100.000	1,492	100.000	100.000
	Engineers, industrial (084).....	2,817	1.511	3.252	-	-	-
	Engineers, n.e.c. (093).....	113,115	100.000	(X)	2,097	100.000	(X)
	Statisticians and actuaries (174).....	96,372	85.198	100.000	2,097	100.000	100.000
	Professional, technical, and kindred workers, n.e.c. (195)....	11,267	9.961	13.008	-	-	-
		2,878	2.544	18.750	-	-	-
		2,598	2.297	1.042	-	-	-
014	Mechanical engineers.....	161,403	100.000	(X)	554	100.000	(X)
	Engineers, mechanical (085).....	151,191	93.673	94.656	554	100.000	100.000
015	Metallurgical and materials engineers.....	10,212	6.327	27.451	-	-	-
	Engineers, metallurgical, and metallurgists (090).....	9,380	100.000	(X)	-	-	(X)
020	Mining engineers.....	7,263	77.431	39.286	-	-	-
021	Petroleum engineers.....	2,117	22.569	2.439	-	-	-
	Engineers, mining (091).....	6,990	100.000	(X)	42	100.000	(X)
022	Sales engineers.....	6,845	100.000	(X)	42	100.000	100.000
	Engineers, mining (091).....	5,239	76.538	42.857	-	-	(X)
	Agents, n.e.c. (301).....	1,606	23.462	1.205	-	-	-
023	Engineers, n.e.c.	57,163	100.000	(X)	180	100.000	(X)
	Engineers, mechanical (085).....	57,163	100.000	100.000	180	100.000	100.000
024	Farm management advisors.....	72,239	100.000	(X)	690	100.000	(X)
	Farm and home management advisors (102).....	1,829	2.532	1.145	-	-	-
025	Foresters and conservationists.....	70,410	97.468	81.301	690	100.000	100.000
	Foresters and conservationists (103).....	7,136	100.000	(X)	-	-	(X)
026	Home management advisors.....	32,874	100.000	100.000	892	100.000	(X)
	Farm and home management advisors (102).....	32,874	100.000	(X)	892	100.000	100.000
030	Judges.....	8,623	100.000	(X)	6,385	100.000	(X)
031	Lawyers.....	8,623	100.000	4.196	2,517	100.000	33.333
	Lawyers and judges (105).....	202,092	100.000	(X)	2,517	100.000	(X)
032	Librarians.....	196,892	97.427	95.804	5,026	100.000	66.666
	Librarians (111).....	5,200	2.573	2.083	-	-	-
033	Archivists and curators.....	11,023	100.000	(X)	64,649	100.000	(X)
	Miscellaneous social scientists (175).....	11,023	100.000	90.000	64,649	100.000	89.256
034	Actuaries.....	1,304	60.120	50.000	-	-	(X)
	Statisticians and actuaries (174).....	865	39.880	.347	-	-	-
035	Mathematicians.....	2,878	100.000	(X)	-	-	(X)
	Mathematicians (135).....	2,878	100.000	18.750	-	-	-
036	Statisticians.....	5,639	100.000	(X)	2,046	100.000	(X)
	Statisticians and actuaries (174).....	5,639	100.000	100.000	2,046	100.000	100.000
		7,654	100.000	(X)	6,800	100.000	(X)
		7,654	100.000	50.000	6,800	100.000	100.000
042	Agricultural scientists.....	7,568	100.000	(X)	419	100.000	(X)
043	Atmospheric and space scientists.....	7,568	100.000	100.000	419	100.000	100.000
044	Technicians, other engineering and physical sciences (191).....	2,122	100.000	(X)	-	-	(X)
	Biological scientists (131).....	2,122	100.000	1.299	-	-	-
045	Chemists.....	10,281	100.000	(X)	3,776	100.000	(X)
	Chemists (021).....	10,281	100.000	100.000	3,776	100.000	100.000
	Engineers, metallurgical, and metallurgists (090).....	88,198	100.000	(X)	7,561	100.000	(X)
		76,967	87.266	100.000	7,382	97.633	100.000
		11,231	12.734	60.714	179	2.367	100.000

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
051	Geologists..... Geologists and geophysicists (134).....	18,500	100.000	(X)	431	100.000	(X)
053	Physicists and astronomers..... Physicists (140).....	18,500	100.000	100.000	431	100.000	100.000
054	Life and physical scientists, n.e.c..... Miscellaneous natural scientists (145).....	13,415	100.000	(X)	599	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	13,415	100.000	100.000	599	100.000	100.000
055	Operations and systems researchers and analysts..... Statisticians and actuaries (174).....	4,573	100.000	(X)	399	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	3,708	81.085	100.000	399	100.000	100.000
056	Personnel and labor relations workers..... Personnel and labor relations workers (154).....	22,625	100.000	(X)	741	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	962	4.252	6.250	-	-	-
061	Chiropractors..... Chiropractors (022).....	21,663	95.748	8.681	741	100.000	1.149
062	Dentists..... Dentists (071).....	69,230	100.000	(X)	34,191	100.000	(X)
063	Optometrists..... Optometrists (152).....	68,481	98.918	100.000	30,760	89.965	100.000
064	Pharmacists..... Pharmacists (160).....	749	1.082	.061	3,431	10.035	.192
	Professional, technical, and kindred workers, n.e.c. (195).....	12,957	100.000	(X)	1,403	100.000	(X)
065	Physicians, medical and osteopathic..... Osteopaths (153).....	88,948	100.000	(X)	1,403	100.000	100.000
	Physicians and surgeons (162).....	85,482	96.103	100.000	7,228	100.000	100.000
071	Podiatrists..... Therapists and healers, n.e.c. (193).....	3,466	3.897	1.389	-	-	-
072	Veterinarians..... Veterinarians (194).....	218,676	100.000	(X)	16,150	100.000	(X)
074	Dietitians..... Dietitians and nutritionists (073).....	3,473	1.603	100.000	478	2.960	100.000
075	Registered nurses..... Nurses, professional (150).....	15,951	100.000	(X)	213,203	99.668	97.040
	Attendants, physician's and dentist's office (303).....	14,791	92.728	100.000	568,821	92.689	98.577
076	Practical nurses (842)..... Therapists.....	1,160	7.272	12,500	3,835	.625	5.405
	Therapists and healers, n.e.c. (193).....	9,440	100.000	(X)	16,030	6.686	19.774
080	Professional, technical, and kindred workers, n.e.c. (195)..... Clinical laboratory technologists and technicians.....	6,842	72.479	40.000	16,380	100.000	(X)
081	Technicians, medical and dental (185)..... Technicians, medical and dental (185).....	2,598	27.521	1.042	15,639	95.476	77.419
082	Technicians, medical and dental (185)..... Health record technologists and technicians.....	16,706	100.000	(X)	741	4.524	1.149
	Technicians, medical and dental (185).....	16,706	100.000	31.579	41,696	100.000	(X)
083	Dental hygienists..... Technicians, medical and dental (185).....	-	-	(X)	41,696	100.000	47.407
084	Technicians, medical and dental (185)..... Therapy assistants.....	1,226	100.000	(X)	5,862	100.000	(X)
085	Technicians, medical and dental (185)..... Health technologists and technicians, n.e.c. (191).....	694	100.000	1.316	5,862	100.000	6.667
	Technicians, medical and dental (185).....	7,066	100.000	(X)	7,782	100.000	(X)
086	Technicians, other engineering and physical sciences (191)..... Technicians, n.e.c. (192).....	2,785	39.414	5.263	7,782	100.000	10.744
	Professional, technical, and kindred workers, n.e.c. (195).....	1,416	20.040	.866	2,197	27.639	13.636
087	Inspectors, n.e.c. (450)--Other industries..... Clergymen.....	1,601	22.658	3.125	1,476	18.568	2.299
	Clergymen (023).....	1,264	17.888	3.560	-	-	-
088	Religious workers, n.e.c. (170)..... Teachers, n.e.c. (184).....	197,109	100.000	(X)	4,727	100.000	(X)
089	Economists (172)..... Economists (172).....	197,109	100.000	100.000	4,727	100.000	100.000
	Professional, technical, and kindred workers, n.e.c. (195).....	22,439	100.000	(X)	38,635	100.000	(X)
090	Clerical and kindred workers, n.e.c. (370)..... Religious workers, n.e.c. (170).....	21,452	95.601	100.000	35,349	91.495	100.000
	Teachers, n.e.c. (184).....	987	4.399	1.695	3,286	8,505	3.497
091	Recreation workers..... Recreation workers (165).....	23,114	100.000	(X)	3,509	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	16,520	71.472	100.000	2,828	80.593	100.000
092	Clerical and kindred workers, n.e.c. (370)..... Psychologists.....	4,334	18.751	1.736	681	19.407	.038
	Psychologists (173).....	2,260	9.778	.184	-	-	-
093	Atmospheric, earth, marine, and space teachers..... College pres., professors, and instructors, n.e.c. (030).....	8,339	100.000	(X)	3,787	100.000	(X)
095	College pres., professors, and instructors, n.e.c. (030)..... Urban and regional planners.....	8,339	100.000	100.000	3,787	100.000	100.000
096	Professional, technical, and kindred workers, n.e.c. (195)..... Social scientists, n.e.c. (175).....	865	100.000	(X)	-	-	(X)
100	Miscellaneous social scientists (175)..... Social workers.....	865	100.000	.347	-	-	-
	Social and welfare workers, except group (171).....	1,283	100.000	(X)	960	100.000	(X)
101	Recreation workers..... Recreation and group workers (165).....	35,212	100.000	(X)	59,367	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030).....	35,212	96.610	59,367	100.000	96.591	
102	Atmospheric, earth, marine, and space teachers..... College pres., professors, and instructors, n.e.c. (030).....	14,199	100.000	(X)	14,890	100.000	90.000
	College pres., professors, and instructors, n.e.c. (030).....	14,199	64.865	14,890	100.000		
103	College pres., professors, and instructors, n.e.c. (030)..... Agriculture teachers.....	4,208	100.000	(X)	-	-	(X)
	College pres., professors, and instructors, n.e.c. (030).....	4,208	3.017	-	-	-	(X)
	Atmospheric, earth, marine, and space teachers..... College pres., professors, and instructors, n.e.c. (030).....	602	100.000	(X)	-	-	-
	College pres., professors, and instructors, n.e.c. (030).....	602	.431	-	-	-	-

- Represents zero.

X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
104	Biology teachers.....	6,014	100.000	(X)	2,063	100.000	(X)
105	College pres., professors, and instructors, n.e.c. (030)....	6,014	100.000	4.310	2,063	100.000	5.263
	Chemistry teachers.....	7,215	100.000	(X)	1,376	100.000	(X)
110	College pres., professors, and instructors, n.e.c. (030)....	7,215	100.000	5.172	1,376	100.000	3.509
	Physics teachers.....	9,619	100.000	(X)	-	-	(X)
111	College pres., professors, and instructors, n.e.c. (030)....	9,619	100.000	6.897	690	100.000	(X)
	Engineering teachers.....	9,619	100.000	(X)	690	100.000	1.754
112	College pres., professors, and instructors, n.e.c. (030)....	9,619	100.000	6.897	1,376	100.000	(X)
	Mathematics teachers.....	9,619	100.000	(X)	1,376	100.000	3.809
113	College pres., professors, and instructors, n.e.c. (030)....	9,619	100.000	6.897	1,376	100.000	(X)
	Health specialties teachers.....	3,610	100.000	(X)	1,376	100.000	(X)
114	College pres., professors, and instructors, n.e.c. (030)....	3,610	100.000	2.586	1,376	100.000	3.509
	Psychology teachers.....	1,204	100.000	(X)	-	-	(X)
	College pres., professors, and instructors, n.e.c. (030)....	1,204	100.000	.862	-	-	-
115	Business and commerce teachers.....	4,208	100.000	(X)	2,063	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	4,208	100.000	3.017	2,063	100.000	5.263
116	Economics teachers.....	3,003	100.000	(X)	690	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	3,003	100.000	2.155	690	100.000	1.754
120	History teachers.....	7,818	100.000	(X)	1,376	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	7,818	100.000	5.603	1,376	100.000	3.509
121	Sociology teachers.....	602	100.000	(X)	-	-	(X)
	College pres., professors, and instructors, n.e.c. (030)....	602	100.000	.431	-	-	-
122	Social science teachers, n.e.c.	1,802	100.000	(X)	2,063	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	1,802	100.000	1.293	2,063	100.000	5.263
123	Art, drama, and music teachers.....	7,433	100.000	(X)	7,040	100.000	(X)
	Actors and actresses (010)....	-	-	-	634	.9.006	12.500
	Artists and art teachers (014)....	580	7.803	.862	2,523	35.838	6.780
	Musicians and music teachers (120)....	6,853	92.197	7.937	3,883	55.156	3.488
124	Coaches and physical education teachers.....	6,789	100.000	(X)	2,376	100.000	(X)
	Sports instructors and officials (180)....	6,789	100.000	12.821	2,376	100.000	9.375
125	Education teachers.....	4,208	100.000	(X)	2,063	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	4,208	100.000	3.017	2,063	100.000	5.263
126	English teachers.....	13,230	100.000	(X)	6,869	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	13,230	100.000	9.483	6,869	100.000	17.544
130	Foreign language teachers.....	3,610	100.000	(X)	3,438	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	3,610	100.000	2.586	3,438	100.000	8.772
132	Law teachers.....	602	100.000	(X)	-	-	(X)
	College pres., professors, and instructors, n.e.c. (030)....	602	100.000	.431	-	-	-
133	Theology teachers.....	602	100.000	(X)	1,376	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	602	100.000	.431	1,376	100.000	3.509
134	Trade, industrial, and technical teachers.....	602	100.000	(X)	-	-	(X)
	College pres., professors, and instructors, n.e.c. (030)....	602	100.000	.431	-	-	-
135	Miscellaneous teachers, college and university.....	4,208	100.000	(X)	1,376	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	4,208	100.000	3.017	1,376	100.000	3.509
140	Teachers, college and university, subject not specified.....	37,897	100.000	(X)	8,910	100.000	(X)
	College pres., professors, and instructors, n.e.c. (030)....	37,897	100.000	27.156	8,910	100.000	22.807
141	Adult education teachers.....	20,644	100.000	(X)	11,269	100.000	(X)
	Teachers, n.e.c. (184)....	7,930	38.413	13.559	10,514	93.300	11.189
	Foremen, n.e.c. (430)....	-	-	-	-	-	-
	Metal industries.....	1,335	6.467	1.040	-	-	-
	Machinery, including electrical.....	1,339	6.486	1.055	-	-	-
	Transportation equipment.....	2,006	9.717	2.469	-	-	-
	Other durable goods.....	1,340	6.491	1.389	-	-	-
	Textiles, textile products, and apparel.....	-	-	-	755	6.700	3.125
	Other nondurable goods (including not specified mfg.)....	6,694	32.426	3.181	-	-	-
142	Elementary school teachers.....	140,797	100.000	(X)	851,210	100.000	(X)
	Artists and art teachers (014)....	2,910	2.067	4.310	3,782	.444	10.169
	Musicians and music teachers (120)....	4,109	2.918	4.762	20,046	2.355	18.023
	Sports instructors and officials (180)....	2,719	1.831	5.128	1,581	.186	6.250
	Teachers, elementary schools (182)....	126,106	89.566	87.611	804,116	94.467	82.774
	Teachers, n.e.c. (184)....	4,953	3.518	8.475	21,685	2.548	23.076
143	Prekindergarten and kindergarten teachers.....	-	-	(X)	69,658	100.000	(X)
	Teachers, elementary schools (182)....	-	-	-	53,235	76.423	6.142
	Teachers, n.e.c. (184)....	-	-	-	16,423	23.577	17.483
144	Secondary school teachers.....	288,684	100.000	(X)	280,542	100.000	(X)
	Actors and actresses (010)....	-	-	-	634	.226	12.500
	Artists and art teachers (014)....	2,330	.807	3.448	5,043	1.798	13.559
	Dancers and dancing teachers (070)....	-	-	-	650	.232	3.846
	Musicians and music teachers (120)....	14,387	4.984	16.667	5,820	2.075	6.233
	Sports instructors and officials (180)....	29,182	10.109	55.128	16,598	5.916	65.625
	Teachers, secondary schools (183)....	222,971	77.237	80.907	230,771	82.259	94.203
	Teachers, n.e.c. (184)....	19,814	6.864	33.898	21,026	7.495	22.378
145	Teachers, except college and university, n.e.c.....	42,194	100.000	(X)	91,784	100.000	(X)
	Actors and actresses (010)....	564	1.337	6.667	-	-	-
	Artists and art teachers (014)....	1,744	4.133	2.586	1,889	2.058	5.085
	Dancers and dancing teachers (070)....	4,389	10,402	87,500	12,341	13,446	73,077
	Musicians and music teachers (120)....	13,696	32,460	15,873	51,736	56,367	46,512
	Nurses, professional (150)....	-	-	-	4,792	5,221	.830
	Teachers, n.e.c. (184)....	21,801	51,668	37.288	21,026	22,908	22,378

- Represents zero.

X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
150	Agriculture and biological technicians, except health.....	25,997	100.000	(X)	13,621	100.000	(X)
	Technicians, other engineering and physical sciences (191).....	3,542	13.625	2,165	3,350	24.594	13.793
	Technicians, n.e.c. (192).....	22,455	86.375	43.750	10,271	75.406	63.636
151	Chemical technicians.....	50,843	100.000	(X)	4,186	100.000	(X)
	Technicians, other engineering and physical sciences (191).....	46,034	90.541	28.138	4,186	100.000	17.241
	Technicians, n.e.c. (192).....	4,809	9.459	9.375	-	-	-
152	Draftsmen.....	206,490	100.000	(X)	12,286	100.000	(X)
	Draftsmen (074).....	206,490	100.000	100.000	12,286	100.000	100.000
153	Electrical and electronic engineering technicians.....	103,582	100.000	(X)	5,219	100.000	(X)
	Technicians, electrical and electronic (190).....	88,761	85.692	100.000	4,380	83.924	100.000
	Technicians, other engineering and physical sciences (191).....	9,207	8.889	5.628	839	16.076	3.448
	Technicians, n.e.c. (192).....	5,614	5.420	10.937	-	-	-
154	Industrial engineering technicians.....	18,756	100.000	(X)	2,311	100.000	(X)
	Technicians, other engineering and physical sciences (191).....	4,956	26.424	3,030	839	36.305	3.448
	Technicians, n.e.c. (192).....	801	4.271	1,563	731	31.631	4.845
	Professional, technical, and kindred workers, n.e.c. (195).....	12,999	69.306	5.208	741	32.064	1.149
155	Mechanical engineering technicians.....	13,833	100.000	(X)	-	-	(X)
	Technicians, other engineering and physical sciences (191).....	10,624	76.802	6.494	-	-	-
	Technicians, n.e.c. (192).....	3,209	23.198	6.250	-	-	-
161	Surveyors.....	45,622	100.000	(X)	1,857	100.000	(X)
	Surveyors (181).....	44,206	96.896	100.000	1,857	100.000	100.000
	Technicians, other engineering and physical sciences (191).....	1,416	3.104	.866	-	-	-
162	Engineering and science technicians, n.e.c.....	91,068	100.000	(X)	16,332	100.000	(X)
	Technicians, other engineering and physical sciences (191).....	81,442	89.430	49.783	13,402	82.060	55.172
	Technicians, n.e.c. (192).....	9,626	10.570	18.750	2,930	17.940	18.182
163	Airplane pilots.....	27,524	100.000	(X)	173	100.000	(X)
	Airplane pilots and navigators (012).....	27,524	100.000	100.000	173	100.000	100.000
164	Air traffic controllers.....	11,121	100.000	(X)	-	-	(X)
	Radio operators (164).....	11,121	100.000	42.105	-	-	-
165	Embalmers.....	5,799	100.000	(X)	2,274	100.000	(X)
	Funeral directors and embalmers (104).....	4,067	70.133	11.628	2,274	100.000	100.000
	Professional, technical, and kindred workers, n.e.c. (195).....	1,732	29.867	.694	-	-	-
170	Flight engineers.....	2,160	100.000	(X)	-	-	(X)
	Mechanics and repairmen, airplane (471).....	2,160	100.000	1.852	-	-	-
171	Radio operators.....	15,286	100.000	(X)	3,069	100.000	(X)
	Radio operators (164).....	15,286	100.000	57.895	3,069	100.000	100.000
172	Tool programmers, numerical control.....	2,122	100.000	(X)	-	-	(X)
	Technicians, other engineering and physical sciences (191).....	2,122	100.000	1.299	-	-	-
173	Technicians, n.e.c.....	3,918	100.000	(X)	-	-	(X)
	Technicians, other engineering and physical sciences (191).....	709	18.096	.433	-	-	-
	Technicians, n.e.c. (192).....	3,209	81.904	6.250	-	-	-
174	Vocational and educational counselors.....	19,062	100.000	(X)	13,303	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	19,062	100.000	7.639	13,303	100.000	20.690
175	Actors.....	7,900	100.000	(X)	3,756	100.000	(X)
	Actors and actresses (010).....	7,900	100.000	93.333	3,756	100.000	75.000
180	Athletes and kindred workers.....	17,857	100.000	(X)	5,114	100.000	(X)
	Athletes (015).....	4,211	23.582	100.000	368	7,196	100.000
	Sports instructors and officials (180).....	12,894	72.207	24.359	4,746	92.804	18.750
	Operatives and kindred workers, n.e.c. (775)-- Transportation, except railroad.....	752	4.211	2.273	-	-	-
181	Authors.....	21,388	100.000	(X)	7,303	100.000	(X)
	Authors (020).....	21,388	100.000	100.000	7,303	100.000	100.000
182	Dancers.....	634	100.000	(X)	3,901	100.000	(X)
	Dancers and dancing teachers (070).....	634	100.000	12.500	3,901	100.000	23.077
183	Designers.....	58,787	100.000	(X)	14,094	100.000	(X)
	Designers (072).....	55,129	93.778	100.000	12,557	89.804	100.000
	Professional, technical, and kindred workers, n.e.c. (195).....	865	1.471	.347	741	5.258	1.149
	Operatives and kindred workers, n.e.c. (775)-- Apparel and accessories.....	2,793	4.751	2.778	696	4.938	.235
184	Editors and reporters.....	64,690	100.000	(X)	38,305	100.000	(X)
	Editors and reporters (075).....	64,552	99.787	100.000	38,305	100.000	100.000
	Managers, officials, and props., n.e.c. (290)--Salaried-- Communications, and utilities and sanitary services.....	138	.213	.151	-	-	-
185	Musicians and composers.....	47,249	100.000	(X)	29,750	100.000	(X)
	Musicians and music teachers (120).....	47,249	100.000	54.762	29,750	100.000	26.744
190	Painters and sculptors.....	59,954	100.000	(X)	23,950	100.000	(X)
	Artists and art teachers (014).....	59,954	100.000	88.793	23,950	100.000	64.407
191	Photographers.....	46,646	100.000	(X)	6,452	100.000	(X)
	Photographers (161).....	46,646	100.000	100.000	6,452	100.000	100.000
192	Public relations men and publicity writers.....	23,870	100.000	(X)	7,271	100.000	(X)
	Public relations men and publicity writers (163).....	23,870	100.000	100.000	7,271	100.000	100.000
193	Radio and television announcers.....	13,865	100.000	(X)	2,215	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195)...	13,865	100.000	5.556	2,215	100.000	3.448

* Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percentages may not add to total because of rounding.)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
224	Postmasters and mail superintendents.....	23,219	100,000	(X)	15,031	100,000	(X)
	Officials and administrators, n.e.c., public admin. (270)--						
	Federal public administration and postal services.....	1,246	5,366	2,062	-	-	-
	Postmasters (280).....	21,973	94,634	100,000	15,031	100,000	100,000
225	Purchasing agents and buyers, n.e.c.....	101,187	100,000	(X)	10,256	100,000	(X)
	Purchasing agents and buyers, n.e.c. (285).....	86,687	85,670	91,216	9,531	92,931	95,652
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Manufacturing.....				88	.858	.206
	Agents, n.e.c. (301).....	10,444	10,321	7,832	-	-	-
226	Stock clerks and storekeepers (350).....	4,056	4,008	1,382	637	6,211	1,219
	Railroad conductors.....	45,237	100,000	(X)	130	100,000	(X)
	Conductors, railroad (252).....	44,433	98,223	100,000	130	100,000	100,000
	Agents, n.e.c. (301).....	804	1,777	.602	-	-	-
230	Restaurant, cafeteria, and bar managers.....	198,458	100,000	(X)	95,522	100,000	(X)
	Managers, officials, and props., n.e.c. (290)--Salaried--						
	Manufacturing.....	-	-	-	455	.476	1,031
	Communications, and utilities and sanitary services.....	-	-	-	18	.019	.206
	Food and dairy products stores.....	23	.012	.030	37	.039	.412
	Eating and drinking places.....	51,812	26,107	100,000	22,896	23,969	100,000
	Banking and other finance.....	53	.027	.030	-	-	-
	All other industries (including not reported).....	580	.292	.362	5,623	5,687	7,835
	Managers, off'ls., and props., n.e.c. (290)--Self-employed--						
	Eating and drinking places.....	145,869	73,501	100,000	.66,380	68,492	100,000
	All other industries (including not reported).....	121	.061	.160	113	.118	.518
231	Sales managers and department heads, retail trade.....	86,960	100,000	(X)	26,780	100,000	(X)
	Buyers and department heads, store (250).....	81,238	93,420	44,485	21,188	79,178	38,554
	Floormen and floor managers, store (254).....	5,613	6,455	100,000	5,527	20,654	100,000
	Managers, officials, and props., n.e.c. (290)--Salaried--						
	General merchandise and limited price variety stores.....	14	.016	.030	45	.168	.206
	Motor vehicles and accessories retailing.....	19	.022	.030	-	-	-
	Other retail trade.....	76	.087	.121	-	-	-
233	Sales managers, except retail trade.....	66,476	100,000	(X)	54	100,000	(X)
	Buyers and department heads, store (250).....	37,599	56,560	20,588	-	-	-
	Managers, officials, and props., n.e.c. (290)--Salaried--						
	Construction.....	176	.265	.121	-	-	-
	Manufacturing.....	25,010	37,623	4,100	-	-	-
	Transportation.....	134	.202	.121	-	-	-
	Communications, and utilities and sanitary services.....	166	.250	.181	-	-	-
	Wholesale trade.....	678	1,020	.362	-	-	-
	Motor vehicles and accessories retailing.....	48	.072	.060	-	-	-
	Other retail trade.....	116	.174	.181	-	-	-
	Banking and other finance.....	699	1,052	.392	-	-	-
	Insurance and real estate.....	667	1,003	.573	-	-	-
	Business services.....	138	.208	.271	-	-	-
	Automobile repair services and garages.....	2	.003	.030	-	-	-
	Personal services.....	-	-	-	54	100,000	.206
	All other industries (including not reported).....	580	.872	.362	-	-	-
	Managers, off'ls., and props., n.e.c. (290)--Self-employed--						
	Construction.....	89	.134	.040	-	-	-
	Manufacturing.....	254	.382	.160	-	-	-
	Wholesale trade.....	50	.075	.040	-	-	-
	Furniture, housefurnishings, and equipment stores.....	10	.015	.040	-	-	-
	Insurance and real estate.....	51	.077	.120	-	-	-
	Business services.....	9	.014	.040	-	-	-
235	School administrators, college.....	7,632	100,000	(X)	3,394	100,000	(X)
	College presidents and deans (030).....	5,406	70,833	3,879	2,063	60,784	5,263
	Sports instructors and officials (180).....	1,356	17,767	2,564	-	-	-
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--All other industries (including not reported)....	870	11,399	.543	1,331	39,216	1,856
240	School administrators, elementary and secondary.....	74,133	100,000	(X)	24,783	100,000	(X)
	Teachers, elementary schools (182).....	17,830	24,051	12,389	9,395	37,909	1,084
	Teachers, secondary schools (183).....	52,621	70,982	19,093	14,204	57,313	5,797
	Teachers, n.e.c. (184).....	987	1,331	1,895	741	2,990	1,149
	Professional, technical, and kindred workers, n.e.c. (195)...	1,732	2,336	.694	-	-	-
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--All other industries (including not reported)....	963	1,299	.603	443	1,788	.618
245	Managers and administrators, n.e.c.--Salaried.....	2,149,604	(X)	(X)	310,903	(X)	(X)
	Construction.....	141,800	100,000	(X)	4,994	100,000	(X)
	Managers, officials, and proprietors, n.e.c.--						
	Salaried--Construction.....	141,800	100,000	99,578	4,994	100,000	99,175
	Manufacturing.....	576,797	100,000	(X)	42,971	100,000	(X)
	Professional, technical, and kindred workers, n.e.c. (195)...	3,469	.601	1,390	1,476	3,435	2,299
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Manufacturing.....	573,328	99,399	94,001	41,495	96,565	94,227

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
245--	Transportation.....	112,911	100.000	(X)	10,804	100.000	(X)
Con.	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Transportation.....	112,911	100.000	99.338	5,299	49,047	99.382
	Agents, n.e.c. (301).....	-	-	-	5,505	50,953	18.519
	Communications, and utilities and sanitary services.....	91,507	100.000	(X)	11,285	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Communications, & utilities & sanitary services.....	91,507	100.000	99.668	11,285	100.000	99.176
	Wholesale trade.....	187,476	100.000	(X)	13,962	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	1,732	.924	.694	-	-	-
	Buyers and department heads, store (250).....	672	.358	.368	-	-	-
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Wholesale trade.....	185,072	98.718	98.523	13,962	100.000	97.320
	Hardware, farm equipment, and building material retailing.....	51,982	100.000	(X)	2,322	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Hardware, farm equip., & bldg. material retailing.....	51,982	100.000	100.000	2,322	100.000	100.000
	General merchandise stores.....	66,350	100.000	(X)	23,526	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	-	-	-	1,476	6,274	2.299
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--General mdse. & limited price variety stores.....	66,350	100.000	99.910	22,050	93,726	98.970
	Food stores.....	96,866	100.000	(X)	9,456	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Food and dairy products stores.....	96,866	100.000	99.970	9,456	100.000	99.588
	Motor vehicles and accessories retailing.....	82,694	100.000	(X)	3,815	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Motor vehicles and accessories retailing.....	82,694	100.000	99.669	3,815	100.000	98.557
	Gasoline service stations.....	43,817	100.000	(X)	509	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Gasoline service stations.....	43,817	100.000	100.000	509	100.000	99.794
	Apparel and accessories stores.....	33,847	100.000	(X)	16,921	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Apparel and accessories stores.....	33,847	100.000	99.970	16,921	100.000	99.381
	Furniture, home furnishings, and equipment stores.....	28,184	100.000	(X)	3,364	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Furniture, housefurnishings, & equipment stores.....	28,184	100.000	99.970	3,364	100.000	99.794
	Other retail trade.....	64,283	100.000	(X)	14,057	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Other retail trade.....	64,283	100.000	99.156	14,057	100.000	97.929
	Finance, insurance, and real estate.....	276,417	100.000	(X)	47,683	100.000	(X)
	Managers, officials, & proprs., n.e.c. (290)--Salaried--						
	Banking and other finance.....	160,596	58.099	89.990	23,674	49,649	91.134
	Insurance and real estate.....	115,821	41.901	99.156	24,009	50,351	98.557
	Business and repair services.....	79,491	100.000	(X)	15,885	100.000	(X)
	Managers, officials, & proprs., n.e.c. (290)--Salaried--						
	Business services.....	51,399	64.660	99.397	13,827	87,044	98.351
	Automobile repair services and garages.....	20,458	25.736	99.910	872	5,489	100.000
	Miscellaneous repair services.....	6,830	8.592	100.000	505	3,179	100.000
	Agents, n.e.c. (301).....	804	1.011	.602	-	-	-
	Clerical and kindred workers, n.e.c. (370).....	-	-	-	681	4,287	.038
	Personal services.....	51,653	100.000	(X)	28,749	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--Personal services.....	51,653	100.000	100.000	27,372	95,210	99.794
	Clerical and kindred workers, n.e.c. (370).....	-	-	-	1,377	4,790	.077
	All other industries.....	163,529	100.000	(X)	60,600	100.000	(X)
	Social and welfare workers, except group (171).....	1,234	.755	3,390	2,098	3,462	3.409
	Teachers, n.e.c. (184).....	1,985	1.214	3,390	-	-	-
	Professional, technical, and kindred workers, n.e.c. (195).....	1,732	1.059	.694	-	-	-
	Managers, officials, and proprietors, n.e.c. (290)--						
	Salaried--All other industries (including not reported)....	155,363	95.006	97.106	58,502	96,538	81.443
	Agents, n.e.c. (301).....	3,215	1.966	2,410	-	-	-
245	Managers and administrators, n.e.c.--Self-employed.....	1,550,098	(X)	(X)	224,775	(X)	(X)
	Construction.....	227,670	100.000	(X)	2,921	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Self-employed--Construction.....	227,670	100.000	99.880	2,921	100.000	99.744
	Manufacturing.....	159,632	100.000	(X)	11,785	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Self-employed--Manufacturing.....	159,632	100.000	99.680	11,785	100.000	99.744
	Transportation.....	38,388	100.000	(X)	4,572	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Self-employed--Transportation.....	37,584	97.906	99.960	2,372	51,881	100.000
	Agents, n.e.c. (301).....	804	2.094	.602	2,200	48,119	7.407
	Communications, and utilities and sanitary services.....	4,670	100.000	(X)	396	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Self-employed--Communications, & utilities & sanitary serv	4,670	100.000	100.000	396	100.000	100.000
	Wholesale trade.....	129,494	100.000	(X)	6,878	100.000	(X)
	Managers, officials, and proprietors, n.e.c. (290)--						
	Self-employed--Wholesale trade.....	128,690	99.379	99.840	6,878	100.000	99.744
	Agents, n.e.c. (301).....	804	.621	.602	-	-	-

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experienced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experienced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
281	Sales representatives, manufacturing industries.....	424,372	100.000	(X)	50,813	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	749	.176	.061	-	-	-
	Salesmen and sales clerks, n.e.c. (394)--Manufacturing.....	423,623	99.824	100.000	50,813	100.000	100.000
282	Sales representatives, wholesale trade.....	486,637	100.000	(X)	21,294	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	3,770	.775	.307	-	-	-
	Salesmen and sales clerks, n.e.c. (394)--Wholesale trade....	482,867	99.225	99.972	21,294	100.000	100.000
283	Sales clerks, retail trade.....	796,117	100.000	(X)	1,400,070	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	6,028	.757	.491	-	-	-
	Salesmen and sales clerks, n.e.c. (394)--Retail trade.....	790,089	99.243	63.075	1,400,070	100.000	95.133
284	Salesmen, retail trade.....	421,692	100.000	(X)	51,318	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	1,512	.359	.127	-	-	-
	Salesmen and sales clerks, n.e.c. (394)--Retail trade.....	420,180	99.641	33.544	51,318	100.000	3.487
285	Salesmen of services and construction.....	167,880	100.000	(X)	49,577	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	10,398	.6194	4.167	-	-	-
	Agents, n.e.c. (301).....	17,680	10.531	13.253	1,102	2.223	3.704
	Clerical and kindred workers, n.e.c. (370).....	2,260	1.346	.184	681	1.374	.038
	Salesmen and sales clerks, n.e.c. (394)--Other industries (including not reported).....	137,542	81.929	99.861	47,794	96.404	99.837
301	Bank tellers.....	40,248	100.000	(X)	94,622	100.000	(X)
	Bank tellers (305).....	40,248	100.000	100.000	90,699	95.854	100.000
	Cashiers (312).....	-	-	-	3,923	4.146	1.015
303	Billing clerks.....	8,282	100.000	(X)	36,365	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	8,282	100.000	.675	36,365	100.000	2,033
305	Bookkeepers.....	157,479	100.000	(X)	793,596	100.000	(X)
	Bookkeepers (310).....	152,961	97.131	100.000	783,309	98.704	100.000
	Clerical and kindred workers, n.e.c. (370).....	4,518	2.869	.368	10,287	1.296	.575
310	Cashiers.....	116,701	100.000	(X)	393,091	100.000	(X)
	Cashiers (312).....	103,600	88.774	98.601	382,911	97.410	98.985
	Clerical and kindred workers, n.e.c. (370).....	12,060	10.334	.982	4,812	1.224	.269
	Salesmen and sales clerks, n.e.c. (394)--Retail trade.....	1,041	.892	.083	5,368	1.366	.365
312	Clerical supervisors, n.e.c.....	29,301	100.000	(X)	26,758	100.000	(X)
	Messengers and office boys (324).....	685	2.338	1.316	-	-	-
	Clerical and kindred workers, n.e.c. (370).....	28,616	97.662	2.331	26,758	100.000	1.496
313	Collectors, bill and account.....	26,985	100.000	(X)	6,732	100.000	(X)
	Agents, n.e.c. (301).....	4,018	14.890	3.012	-	-	-
	Collectors, bill and account (313).....	22,967	85.110	92.105	6,732	100.000	100.000
314	Counter clerks, except food.....	48,962	100.000	(X)	76,839	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	48,962	100.000	3.988	76,839	100.000	4.296
315	Dispatchers and starters, vehicle.....	43,240	100.000	(X)	5,218	100.000	(X)
	Dispatchers and starters, vehicle (314).....	41,739	96.529	80.000	3,841	73.611	57.143
	Clerical and kindred workers, n.e.c. (370).....	-	-	-	1,377	26.389	.077
	Mine operatives and laborers, n.e.c. (685)--Crude petroleum and natural gas extraction.....	1,501	3.471	1.476	-	-	-
320	Enumerators and interviewers.....	21,091	100.000	(X)	96,053	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	21,091	100.000	1.718	96,053	100.000	5.370
321	Estimators and investigators, n.e.c.....	112,485	100.000	(X)	55,473	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	33,793	30.042	13.542	-	-	-
	Agents, n.e.c. (301).....	41,790	37.152	31.326	14,316	25.807	48.148
	Clerical and kindred workers, n.e.c. (370).....	36,902	32.806	3.006	41,157	74.193	2.301
323	Expeditors and production controllers.....	128,694	100.000	(X)	20,035	100.000	(X)
	Dispatchers and starters, vehicle (314).....	10,440	8.112	20.000	2,882	14.385	42.857
	Clerical and kindred workers, n.e.c. (370).....	118,254	91.888	9.632	17,153	85.615	.859
325	File clerks.....	24,639	100.000	(X)	128,436	100.000	(X)
	File clerks (320).....	20,121	81.663	100.000	118,830	92.521	100.000
	Clerical and kindred workers, n.e.c. (370).....	4,518	18.337	.368	9,606	7.479	.537
326	Insurance adjusters, examiners, and investigators.....	49,966	100.000	(X)	6,726	100.000	(X)
	Agents, n.e.c. (301).....	804	1.609	.602	-	-	-
	Insurance adjusters, examiners, and investigators (321)....	49,162	98.391	100.000	6,726	100.000	100.000
330	Library attendants and assistants.....	9,003	100.000	(X)	28,056	100.000	(X)
	Attendants and assistants, library (302).....	7,491	83.206	100.000	25,226	89.913	100.000
	Messengers and office boys (324).....	-	-	-	2,149	7.660	19.231
	Clerical and kindred workers, n.e.c. (370).....	1,512	16.794	.123	681	2.427	.038
331	Mail carriers, post office.....	194,171	100.000	(X)	4,408	100.000	(X)
	Mail carriers (323).....	194,171	100.000	98.366	4,408	100.000	100.000
332	Mail handlers, except post office.....	41,899	100.000	(X)	24,004	100.000	(X)
	Messengers and office boys (324).....	2,737	6.532	5.263	-	-	-
	Clerical and kindred workers, n.e.c. (370).....	39,162	93.468	3.190	24,004	100.000	1.342
333	Messengers and office boys.....	49,374	100.000	(X)	9,022	100.000	(X)
	Messengers and office boys (324).....	48,625	98.483	93.421	9,022	100.000	80.769
	Clerical and kindred workers, n.e.c. (370).....	749	1.517	.061	-	-	-
334	Meter readers, utilities.....	37,655	100.000	(X)	1,377	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	37,655	100.000	.3,067	1,377	100.000	.077

- Represents zero.

X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
341	Bockkeeping and billing machine operators.....	5,557	100.000	(X)	47,676	100.000	(X)
	Office machine operators (325).....	4,808	86.522	5.882	44,940	94.261	19.008
	Clerical and kindred workers, n.e.c. (370).....	749	13.478	.061	2,736	5.739	.153
342	Calculating machine operators.....	686	100.000	(X)	37,777	100.000	(X)
	Office machine operators (325).....	686	100.000	.840	37,777	100.000	15.978
343	Computer and peripheral equipment operators.....	686	100.000	(X)	1,304	100.000	(X)
	Office machine operators (325).....	686	100.000	.840	1,304	100.000	.551
344	Duplicating machine operators.....	8,236	100.000	(X)	5,860	100.000	(X)
	Office machine operators (325).....	8,236	100.000	10.084	5,860	100.000	2,479
345	Key punch operators.....	44,613	100.000	(X)	121,783	100.000	(X)
	Office machine operators (325).....	44,613	100.000	54.622	121,783	100.000	51.515
350	Tabulating machine operators.....	18,533	100.000	(X)	7,815	100.000	(X)
	Office machine operators (325).....	18,533	100.000	22.689	7,815	100.000	3.306
355	Office machine operators, n.e.c.	4,114	100.000	(X)	16,934	100.000	(X)
	Office machine operators (325).....	4,114	100.000	5.042	16,934	100.000	7.163
360	Payroll and timekeeping clerks.....	46,031	100.000	(X)	65,839	100.000	(X)
	Payroll and timekeeping clerks (333).....	45,282	98.373	100.000	65,839	100.000	100.000
	Clerical and kindred workers, n.e.c. (370).....	749	1.627	.061	-	-	-
361	Postal clerks.....	198,546	100.000	(X)	42,310	100.000	(X)
	Express messengers and railway mail clerks (315).....	6,070	3.057	92.857	245	.579	100.000
	Postal clerks (340).....	177,409	89.354	100.000	40,688	96.166	100.000
	Clerical and kindred workers, n.e.c. (370).....	15,067	7.589	1.227	1,377	3.255	.077
362	Proofreaders.....	5,268	100.000	(X)	11,661	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	5,268	100.000	.429	11,661	100.000	.652
363	Real estate appraisers.....	15,326	100.000	(X)	-	-	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	865	5.644	.347	-	-	-
	Agents, n.e.c. (301).....	14,461	94.356	10.844	-	-	-
364	Receptionists.....	11,361	100.000	(X)	151,842	100.000	(X)
	Receptionists (341).....	3,079	27.101	100.000	136,745	90.057	100.000
	Clerical and kindred workers, n.e.c. (370).....	8,282	72.899	.675	15,097	9.943	.844
370	Secretaries, legal.....	862	100.000	(X)	34,244	100.000	(X)
	Secretaries (342).....	862	100.000	2.083	34,244	100.000	2.359
371	Secretaries, medical.....	862	100.000	(X)	34,244	100.000	(X)
	Secretaries (342).....	862	100.000	2.083	34,244	100.000	2.359
372	Secretaries, n.e.c.	41,628	100.000	(X)	1,383,975	100.000	(X)
	Managers, officials, & proprietors, n.e.c. (290)--Salaried--	2,027	4.869	.332	-	-	-
	Manufacturing.....	-	-	-	5	-	.206
	Transportation.....	-	-	-	18	.001	.206
	Communications, and utilities and sanitary services.....	-	-	-	24	.002	.206
	Wholesale trade.....	-	-	-	45	.003	.206
	General merchandise and limited price variety stores.....	-	-	-	3	-	.206
	Motor vehicles and accessories retailing.....	-	-	-	24	.002	.206
	Other retail trade.....	-	-	-	97	.007	.412
	Insurance and real estate.....	-	-	-	21	.002	.206
	Business services.....	-	-	-	587	.042	.825
	All other industries (including not reported).....	39,601	95.131	95.833	1,383,151	99.940	95.283
	Secretaries (342).....	-	-	-	-	-	-
374	Shipping and receiving clerks.....	299,029	100.000	(X)	26,352	100.000	(X)
	Shipping and receiving clerks (343).....	269,649	90.175	100.000	24,975	94.775	100.000
	Clerical and kindred workers, n.e.c. (370).....	29,380	9.825	2.393	1,377	5.225	.077
375	Statistical clerks.....	60,855	100.000	(X)	80,953	100.000	(X)
	Clerical and kindred workers, n.e.c. (370).....	55,741	91.596	4.540	80,953	100.000	4.526
	Operatives and kindred workers, n.e.c. (775)--	2,816	4.627	6.451	-	-	-
	Petroleum refining.....	752	1.236	2.273	-	-	-
	Transportation, except railroad.....	1,546	2.540	3.175	-	-	-
	Communications, and utilities and sanitary services.....	11,858	100.000	(X)	264,157	100.000	(X)
376	Stenographers.....	11,858	100.000	100.000	264,157	100.000	100.000
	Stenographers (345).....	-	-	-	-	-	-
381	Stock clerks and storekeepers.....	327,614	100.000	(X)	59,248	100.000	(X)
	Cashiers (312).....	1,472	.449	1.399	-	-	-
	Stock clerks and storekeepers (350).....	284,712	86.905	97.005	46,523	78.522	89.024
	Clerical and kindred workers, n.e.c. (370).....	40,673	12.415	3.313	10,986	18.542	.614
	Salesmen and sales clerks, n.e.c. (394)--	148	.045	.111	13	.022	.041
	Other industries (including not reported).....	609	.186	4.762	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	-	-	-	1,726	2.913	1.418
	Pottery and related products.....	-	-	-	-	-	-
	Housekeepers and stewards, except private household (832)....	-	-	-	-	-	-
382	Teacher aides,except school monitors.....	8,548	100.000	(X)	8,765	100.000	(X)
	Professional, technical, and kindred workers, n.e.c. (195).....	7,799	91.238	3.125	7,388	84.290	11.494
	Clerical and kindred workers, n.e.c. (370).....	749	8.762	.061	1,377	15.710	.077
383	Telegraph messengers.....	4,461	100.000	(X)	249	100.000	(X)
	Telegraph messengers (351).....	4,461	100.000	100.000	249	100.000	100.000
384	Telegraph operators.....	15,842	100.000	(X)	4,682	100.000	(X)
	Telegraph operators (352).....	15,842	100.000	100.000	4,682	100.000	100.000
385	Telephone operators.....	15,577	100.000	(X)	356,186	100.000	(X)
	Telephone operators (353).....	15,577	100.000	100.000	356,186	100.000	100.000

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
390	Ticket, station, and express agents..... Agents, n.e.c. (301)..... Baggagemen, transportation (304)..... Ticket, station, and express agents (354).....	58,336 804 555	100.000 1.378 .602 .951	(X) .602 10.000	16,245 -	100.000 -	(X) -
391	Typists..... Typists (360).....	56,977 26,957	97.670 100.000	100.000 (X)	16,245 516,844	100.000 100.000	100.000 (X)
392	Weighers..... Clerical and kindred workers, n.e.c. (370)..... Operatives and kindred workers, n.e.c. (775)-- Other primary iron and steel industries..... Meat products.....	26,957 35,667 33,140	100.000 100.000 92.915	100.000 (X) 2.699	516,844 8,308 7,547	100.000 100.000 90.840	100.000 (X) .422
394	Miscellaneous clerical workers..... Attendants, physician's and dentist's office (303)..... Express messengers and railway mail clerks (315)..... Clerical and kindred workers, n.e.c. (370)..... Operatives and kindred workers, n.e.c. (775)-- Newspaper publishing and printing..... Railroads and railway express service..... All other industries (including not reported).....	154,323 -	100.000 -	(X)	169,739 8,510	100.000 5.014	12,000
395	Not specified clerical workers..... Clerical and kindred workers, n.e.c. (370).....	151,390	98.099	12.331	161,229	94.986	9.014
401	Automobile accessories installers..... Mechanics and repairmen, air conditioning, heating, and refrigeration (470)..... Mechanics and repairmen, automobile (472)..... Upholsterers (535).....	9,630 694 2,534 6,402	100.000 7.207 26.314 66.480	(X) 1.064 .362 11.458	-	-	(X)
402	Bakers..... Bakers (401)..... Operatives and kindred workers, n.e.c. (775)-- Bakery products..... Wholesale and retail trade.....	95,984 94,183 1,801	100.000 98.124 1.876	(X) 100.000 100.000	21,404 18,448	100.000 86.189	(X) 100.000
03	Blacksmiths..... Blacksmiths (402).....	19,620 19,620	100.000 100.000	(X) 92.683	110 110	100.000 100.000	1.429 (X)
04	Boilermakers..... Boilermakers (403)..... Operatives and kindred workers, n.e.c. (775)-- Miscellaneous fabricated metal products.....	27,484 26,827 657	100.000 97.610 2.390	(X) 100.000 100.000	45 45 -	100.000 100.000 -	100.000 (X) -
05	Bookbinders..... Bookbinders (404)..... Operatives and kindred workers, n.e.c. (775)-- All other industries (including not reported).....	12,261 12,261	100.000 100.000	(X) 100.000	17,558 15,946	100.000 90.819	(X) 100.000
10	Brickmasons and stonemasons..... Brickmasons, stonemasons, and tile setters (405).....	171,724	100.000	(X)	1,612	9.181	5.882
11	Brickmasons and stonemasons, apprentices..... Apprentice bricklayers and masons (602).....	171,724 2,386 2,386	100.000 100.000 100.000	83.030 (X) 75.000	780 12	100.000 100.000	100.000 (X)
12	Bulldozer operators..... Excavating, grading, and road machinery operators (425)..... Truck and tractor drivers (715).....	95,898 50,665 44,536	100.000 52.832 46.441	(X) 22.531 2.692	- -	-	(X)
3	Laborers, n.e.c. (985)--Construction..... Cabinetmakers..... Cabinetmakers (410)..... Operatives and kindred workers, n.e.c. (775)-- Furniture and fixtures.....	697 69,815 66,478 3,337	.727 100.000 95.220 4.780	.093 (X) 97.778 3.676	- 979 979	100.000 100.000	(X) 100.000
5	Carpenters..... Cabinetmakers (410)..... Carpenters (411)..... Mine operatives and laborers, n.e.c. (685)-- Coal mining..... Mining and quarrying, except fuel..... Operatives and kindred workers, n.e.c. (775)-- Furniture and fixtures..... Glass and glass products..... Construction..... Wholesale and retail trade..... All other industries (including not reported).....	926,574 1,508 910,196 3,781 3,782 664 1,378 927 3,506 832 6,047 6,047	100.000 .163 98.232 .408 .408 .072 .149 .100 .378 .090 100.000 100.000	(X) 2.222 98.842 2.706 4.304 .735 2.985 .917 2.198 1.333 (X) 1,729	3,713 -	100.000 -	(X) -
6	Carpenter apprentices..... Apprentice carpenters (603).....	6,047	100.000	100.000	37	100.000	(X)
9	Carpet installers..... Craftsmen and kindred workers, n.e.c. (515)..... Cement and concrete finishers..... Cement and concrete finishers (413)..... Compositors and typesetters..... Compositors and typesetters (414)..... Printing trades apprentices, except pressmen..... Apprentices, printing trades (615).....	23,049 23,049 47,519 47,519 167,046 167,046 9,582 9,582	100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000	(X) 20.896 (X) 100.000 (X) 100.000 (X) 84.211	- -	-	(X) -

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
424	Cranemen, derrickmen, and hoistmen..... Cranemen, derrickmen, and hoistmen (415)..... Operatives and kindred workers, n.e.c. (775)-- Miscellaneous fabricated metal products.....	132,055 131,398	100.000 99.502	(X) 100.000	707 707	100.000 100.000	(X) 100.000
425	Decorators and window dressers..... Decorators and window dressers (420).....	28,272 28,272	100.000 100.000	(X) 100.000	24,403 24,403	100.000 100.000	(X) 100.000
426	Dental laboratory technicians..... Technicians, medical and dental (185).....	14,617 14,617	100.000 100.000	(X) 27.632	652 652	100.000 100.000	(X) .741
430	Electricians..... Electricians (421).....	352,806 352,806	100.000 100.000	(X) 100.000	2,716 2,716	100.000 100.000	(X) 100.000
431	Electrician apprentices..... Apprentice electricians (604).....	9,451 9,451	100.000 100.000	(X) 100.000	68 68	100.000 100.000	(X) 100.000
433	Electric power linemen and cablemen..... Linemen and servicemen, telegraph, telephone, & power (453).....	76,450 76,450	100.000 100.000	(X) 28.046	1,686 1,686	100.000 100.000	(X) 30.000
434	Electrotypers and stereotypers..... Electrotypers and stereotypers (423).....	9,203 9,203	100.000 100.000	(X) 100.000	72 72	100.000 100.000	(X) 100.000
435	Engravers, except photoengravers..... Engravers, except photoengravers (424).....	9,549 9,549	100.000 100.000	(X) 100.000	2,081 2,081	100.000 100.000	(X) 100.000
436	Excavating, grading, & road machine operators; exc. bulldozer..... Excavating, grading, and road machinery operators (425)..... Laborers, n.e.c. (985)--Construction.....	187,435 174,199 13,236	100.000 92.938 7.062	(X) 77.469 1.774	753 753	100.000 100.000	(X) 100.000
440	Floor layers, except tile setters..... Carpenters (411)..... Painters, construction and maintenance (495)..... Operatives and kindred workers, n.e.c. (775)-- Yarn, thread, and fabric mills..... Construction..... Wholesale and retail trade.....	19,233 5,333 4,105 554 8,365 876	100.000 27.728 21.344 2.880 43.493 4.555	(X) .579 1.008 .400 8.257 .549	991 991 - - - -	100.000 100.000 - - - -	(X) 33.333 - - - -
441	Foremen, n.e.c..... Construction..... Foremen, n.e.c. (430)--Construction.....	1,104,624 102,524 102,524	(X) 100.000 100.000	(X) (X) 100.000	80,962 234 234	(X) 100.000 100.000	(X) 100.000
	Durable goods, manufacturing..... Foremen, n.e.c. (430)-- Metal industries..... Machinery, including electrical..... Other durable goods.....	347,955 127,316 125,564 95,075	100.000 36.590 36.086 27.324	(X) 98.960 98.945 98.611	15,209 1,971 7,244 5,994	100.000 12.959 47.630 39.411	(X) 100.000 100.000
	Nondurable goods, including not specified manufacturing..... Foremen, n.e.c. (430)-- Textiles, textile products, and apparel..... Other nondurable goods (including not specified mfg.).....	255,901 52,173 203,728	100.000 20.388 79.612	(X) 100.000 96.819	42,968 23,458 19,510	100.000 54.594 45.406	(X) 96.875 100.000
	Transportation, communications, and other public utilities.... Foremen, n.e.c. (430)-- Transportation equipment..... Railway and railway express service..... Transportation, except railroad..... Communications, and utilities and sanitary services.....	199,755 79,339 36,387 27,186 56,843 198,489	100.000 39.718 18.216 13.610 28.456 100.000	(X) 97.531 100.000 100.000 100.000 (X)	2,546 1,103 56 331 1,056 20,005	100.000 43.323 2.200 13.001 41.477 100.000	(X) 100.000 100.000 100.000 100.000 (X)
	All other industries..... Foremen, n.e.c. (430)-- Other industries (including not reported).....	198,489	100.000	100.000	20,005	100.000	100.000
442	Forgemen and hammermen..... Forgemen and hammermen (431)..... Operatives and kindred workers, n.e.c. (775)-- Blast furnaces, steel works, & rolling & finishing mills..	11,854 11,854 - 22,741	100.000 100.000 - 100.000	(X) 100.000 - (X)	872 447 425 877	100.000 51.261 48.739 100.000	(X) 100.000 25.000 (X)
443	Furniture and wood finishers..... Painters, construction and maintenance (495)..... Painters, except construction and maintenance (694).....	2,055 20,686 3,296	9.037 90.963 100.000	.504 15.493 (X)	- 877 877	- 100.000 100.000	- 5.882 (X)
444	Furriers..... Managers, off'ls., & props., n.e.c. (290)--Self-employed-- Manufacturing..... Apparel and accessories stores..... Furriers (432).....	63 10 3,223 - 17,565	1,911 .303 97.785 - 100.000	.040 .040 100.000 - (X)	- 47 558 1,509 287	- 2.223 26.395 71.381 100.000	- .256 100.000 .261 (X)
445	Glaziers..... Glaziers (434)..... Mechanics and repairmen, automobile (472).....	15,665 1,900 21,544	89.183 10.817 100.000	100.000 .271 (X)	287 287 321	100.000 100.000 100.000	100.000 100.000 (X)
446	Heat treaters, annealers, and temperers..... Heat treaters, annealers, and temperers (435)..... Furnacemen, smeltermen, and pourers (670).....	20,132 1,412 20,892	93.446 6.554 100.000	100.000 2.532 (X)	321 - 904	100.000 - 100.000	100.000 - (X)
450	Inspectors, scalers, and graders; log and lumber..... Inspectors, scalers, and graders; log and lumber (444)..... Operatives and kindred workers, n.e.c. (775)-- Sawmills, planing mills, and mill work.....	20,165 727	96.520 3.480	100.000 .725	904 - -	100.000 100.000 -	100.000 100.000 -

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Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
452	Inspectors, n.e.c..... Construction..... Inspectors, n.e.c. (450)--Construction..... Railroads and railway express service..... Inspectors, n.e.c. (450)--Railroads & railway express service..... All other industries..... Inspectors, n.e.c. (450)-- Transportation, except railroad; communications, and other public utilities..... Other industries (including not reported)..... Graders and sorters, manufacturing (671).....	94,597 15,379 15,379 30,018 30,018 49,200 14,435 34,183 582	(X) 100.000 100.000 (X) 100.000 (X) 29.339 69.478 1.183	(X) 100.000 100.000 (X) 100.000 (X) 100.000 96.440 4.545	6,602 112 112 76 76 6,414 271 6,143 -	(X) 100.000 100.000 100.000 100.000 100.000 100.000 4.225 95.775 -	(X) (X) 100.000 (X) 100.000 100.000 100.000 100.000 -
453	Jewelers and watchmakers..... Managers, officials, & proprietors, n.e.c. (290)--Salaried-- Manufacturing..... Managers, off'ls., & proptrs., n.e.c. (290)--Self-employed-- Manufacturing..... Other retail trade..... Jewelers, watchmakers, goldsmiths, and silversmiths (451)....	35,673 180 192 - 35,301 53,572 40,190 13,382 59,666 1,217 57,561	100.000 .505 .538 -. 98.957 100.000 75.021 24.979 100.000 2.040 96.472	(X) .030 .120 -. 100.000 100.000 100.000 7.216 (X) .763 100.000	2,499 - 24 74 2,401 342 342 - 85 85	100.000 - .960 2.961 96.078 100.000 100.000 - 100.000 100.000	(X) - .256 .256 100.000 (X) 100.000 -
454	Job and die setters, metal..... Job setters, metal (452)..... Toolmakers, and die makers and setters (530).....	53,572 40,190 13,382	100.000 75.021 24.979	(X) 100.000 100.000	2,401 342 342	96.078 100.000 100.000	100.000 (X) 100.000
455	Locomotive engineers..... Engineers, mechanical (085)..... Locomotive engineers (454)..... Operatives and kindred workers, n.e.c. (775)-- Railroad and railway express service.....	59,666 1,217 57,561 888	100.000 2.040 96.472 1.488	(X) .763 100.000 1.587	- - 85 - - - 119	- - 100.000 100.000 100.000	- - 100.000 (X) 100.000
456	Locomotive firemen..... Locomotive firemen (480).....	39,008 39,008	100.000 100.000	(X) 100.000	119 119	100.000 100.000	(X) 100.000
461	Machinists..... Machinists (465)..... Operatives and kindred workers, n.e.c. (775)-- Pottery and related products..... Miscellaneous machinery..... Electrical machinery, equipment, and supplies..... Miscellaneous plastic products.....	503,533 499,529 1,223 611 718 1,452 9,777 9,777 68,261	100.000 99.205 .243 .121 .143 .288 100.000 100.000 100.000	(X) 98.256 9.524 .297 .450 4.545 (X) 63.636 (X) 146	7,143 7,143 - - - - 233 233 146	100.000 100.000 100.000 100.000 100.000	(X) 100.000 100.000
462	Machinist apprentices..... Apprentice machinists and toolmakers (605).....	9,777 9,777	100.000 100.000	(X) 63.636	233 233	100.000 100.000	(X) 100.000
470	Mechanics and repairmen: Air conditioning, heat, & refrigeration (470)..... Mechanics and repairmen, n.e.c. (480).....	63,885 4,376	93.589 6.411	97.872 .360	146 -	100.000 -	100.000 (X)
471	Mechanics and repairmen: Aircraft..... Mechanics and repairmen, airplane (471).....	114,640 114,640	100.000 100.000	(X) 98.148	1,857 1,857	100.000 100.000	(X) 100.000
472	Mechanics and repairmen: Automobile body..... Managers, officials, & proprietors, n.e.c. (290)--Salaried-- Motor vehicles and accessories retailing..... Mechanics and repairmen, automobile (472).....	77,976 48 77,928	100.000 .062 99.938	(X) .060 11.121	- - - -	- - - -	(X) -
473	Mechanics and repairmen: Automobile mechanics..... Managers, officials, & proprietors, n.e.c. (290)--Salaried-- Automobile repair services and garages.....	601,683 2 601,881	100.000 - 100.000	(X) .030 85.895	2,424 - 2,424	100.000 - 100.000	(X) -
474	Mechanics and repairmen: Auto mechanic apprentices..... Apprentice auto mechanics (601).....	1,888 1,888	100.000 100.000	(X) 100.000	20 20	100.000 100.000	(X) -
480	Mechanics and repairmen: Farm implement..... Mechanics and repairmen, n.e.c. (480).....	41,564 41,564	100.000 100.000	(X) 3.419	- -	- -	(X) -
481	Mechanics and repairmen: Heavy equipment, including diesel..... Mechanics and repairmen, automobile (472)..... Mechanics and repairmen, n.e.c. (480)..... Operatives and kindred workers, n.e.c. (775)-- Miscellaneous machinery.....	277,005 14,573 261,821 611	100.000 5.261 94.519 .221	(X) 2.080 21.536 .297	3,562 3,562 3,562 -	100.000 100.000 100.000 -	(X) -
482	Mechanics and repairmen: Household appliances and accessory installers and mechanics..... Mechanics and repairmen, air conditioning, heating, and refrigeration (470)..... Mechanics and repairmen, n.e.c. (480).....	89,672 694 88,978	100.000 .774 99.226	(X) 1.064 7.319	- - -	- - -	(X) -
483	Mechanics and repairmen: Loom fixers..... Loom fixers (461).....	24,234 24,234	100.000 100.000	(X) 100.000	220 220	100.000 100.000	(X) -
484	Mechanics and repairmen: Office machine..... Mechanics and repairmen, office machine (473)..... Operatives and kindred workers, n.e.c. (775)-- Office, computing, and accounting machines.....	29,987 29,338 649	100.000 97.836 2.164	(X) 100.000 3.846	296 296 -	100.000 100.000 -	(X) -
485	Mechanics and repairmen: Radio and television..... Mechanics and repairmen, radio and television (474).....	103,654 103,654	100.000 100.000	(X) 99.315	1,842 1,842	100.000 100.000	(X) -

- Represents zero.

X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
486	Mechanics and repairmen: Railroad and car shop..... Managers, officials, & proprietors, n.e.c. (290)--Salaried-Transportation..... Mechanics and repairmen, railroad and car shop (475)..... Operatives and kindred workers, n.e.c. (775)-- Blast furnaces, steel works, & rolling & finishing mills..... Railroad and miscellaneous transportation equipment..... Railroads and railway express service..... Mechanic, except auto, apprentices..... Apprentice mechanics, except auto (610).....	61,771 32 40,438 1,843 1,724 17,734 3,649 3,649	100.000 .052 65.464 2.984 2.791 28.709 100.000 100.000	(X) .030 100.000 1.869 10.526 31.746 (X) 100.000	384 - 128 - - 256 72 72	100.000 - 33.333 - - 66.667 100.000 100.000	(X) - 100.000 - - 50.000 (X) 100.000
491	Mechanic, except auto, apprentices..... Apprentice mechanics, except auto (610).....	3,649	100.000	100.000	72	100.000	100.000
492	Miscellaneous mechanics and repairmen..... Carpenters (411)..... Mechanics and repairmen, automobile (472)..... Mechanics and repairmen, n.e.c. (480)..... Operatives and kindred workers, n.e.c. (775)-- Miscellaneous machinery..... Professional equipment and supplies..... Photographic equipment and supplies..... Public administration.....	167,006 3,333 1,900 153,876 1,221 650 1,105 4,921	100.000 1.996 1.138 92.138 .731 .389 .662 2.947	(X) .362 .271 12.657 .593 2.381 12.500 12.000	8,872 - - 8,872	100.000 - - 100.000	(X) - - 41.667
495	Not specified mechanics and repairmen..... Mechanics and repairmen, radio and television (474)..... Mechanics and repairmen, n.e.c. (480).....	528,005 714 527,291	100.000 .135 99.865	(X) .685 43.371	- - -	- - -	(X)
501	Millers; grain, flour, and feed..... Millers, grain, flour, feed, etc. (490).....	9,275 9,275	100.000 100.000	(X) 100.000	64 64	100.000 100.000	(X) 100.000
502	Millwrights..... Mechanics and repairmen, n.e.c. (480)..... Millwrights (491)..... Craftsmen and kindred workers, n.e.c. (545).....	69,347 730 67,792 825	100.000 1.053 97.758 1.190	(X) .060 100.000 .746	84 - 84 1,616	100.000 - 100.000 100.000	(X) - 100.000
503	Holders, metal..... Holders, metal (492).....	50,564 50,564	100.000 100.000	(X) 100.000	1,616 1,616	100.000 100.000	(X) 100.000
504	Molder apprentices..... Apprentices, metalworking trades, n.e.c. (614).....	513 513	100.000 100.000	(X) 9.091	- -	- -	(X) -
505	Motion picture projectionists..... Motion picture projectionists (493).....	17,697 17,697	100.000 100.000	(X) 100.000	414 414	100.000 100.000	(X) 100.000
506	Opticians, and lens grinders and polishers..... Opticians, and lens grinders and polishers (494).....	17,749 17,749	100.000 100.000	(X) 100.000	3,218 3,218	100.000 100.000	(X) 100.000
510	Painters, construction and maintenance..... Painters, construction and maintenance (495)..... Structural metal workers (523)..... Painters, except construction and maintenance (694).....	375,653 356,223 5,984 10,657	100.000 94.828 1,593 2.837	(X) 87.395 9.091 7,981	7,030 7,030 - -	100.000 100.000 100.000 100.000	(X) 83.333 - -
511	Operatives and kindred workers, n.e.c. (775)--Construction. Painter apprentices..... Apprentices, building trades, n.e.c. (613).....	2,789 1,727 1,727	.742 100.000 100.000	2.753 (X) 66.667	- 52 52	- 100.000 100.000	- (X) 100.000
512	Paperhangers..... Painters, construction and maintenance (495)..... Paperhangers (501).....	25,339 15,761 9,578	100.000 62.201 37.799	(X) 3,866 100.000	1,521 - 1,521	100.000 - 100.000	(X) - 100.000
514	Pattern and model makers, except paper..... Pattern and model makers, except paper (502)..... Operatives and kindred workers, n.e.c. (775)-- Miscellaneous wood products.....	41,084 39,732 585	100.000 96.709 1.424	(X) 100.000 1.923	710 710 -	100.000 100.000 -	(X) 100.000 -
515	Miscellaneous manufacturing industries..... Photoengravers and lithographers..... Photoengravers and lithographers (503)..... Operatives and kindred workers, n.e.c. (775)-- Printing, publishing, & allied industries, exc. newspapers	767 24,823 24,064 759	1.867 100.000 96.842 3.058	1.042 (X) 3,058 1.493	- - 1,388 1,670	- 100.000 45.389 54.611	- (X) 100.000 4.762
516	Piano and organ tuners and repairmen..... Piano and organ tuners and repairmen (504).....	6,017 6,017	100.000 100.000	(X) 100.000	181 181	100.000 100.000	(X) 100.000
520	Plasterers..... Plasterers (505).....	52,686 52,686	100.000 100.000	(X) 100.000	185 185	100.000 100.000	(X) 100.000
521	Plasterer apprentices..... Apprentices, building trades, n.e.c. (613).....	866 866	100.000 100.000	(X) 33.333	- -	- -	(X)
522	Plumbers and pipe fitters..... Plumbers and pipe fitters (510)..... Operatives and kindred workers, n.e.c. (775)-- Communications, and utilities and sanitary services.....	330,758 329,983 775	100.000 99.766 .234	(X) 100.000 1.587	1,029 1,029	100.000 100.000	(X) -
523	Plumber and pipe fitter apprentices..... Apprentice plumbers and pipe fitters (612).....	8,273 8,273	100.000 100.000	(X) 100.000	41 41	100.000 100.000	(X) -
525	Power station operators..... Power station operators (701).....	25,674 25,674	100.000 100.000	(X) 100.000	1,481 1,481	100.000 100.000	(X) 100.000

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
530	Pressmen and plate printers, printing..... Pressmen and plate printers, printing (512)..... Operatives and kindred workers, n.e.c. (775)-- Knitting mills..... Dyeing and finishing textiles, except wool and knit goods..... Yarn, thread, and fabric mills..... Miscellaneous paper and pulp products..... Miscellaneous plastic products..... Business and repair services.....	78,000 72,125	100.000 92.468	(x) 100.000	5,145 3,281	100.000 63.771	(x) 100.000
531	Pressmen, apprentices..... Apprentices, printing trades (615).....	2,645	3.391	13.334	739 1,125	14.363 21.866	1.515 25.000
533	Rollers and finishers, metal..... Rollers and roll hands, metal (513).....	19,335 19,335	100.000 100.000	(x) 63.636	945 945	100.000 100.000	(x) 100.000
534	Roofers and slaters..... Carpenters (411)..... Roofers and slaters (514).....	56,752 2,000 54,752	100.000 3.524 96.476	(x) .217 100.000	136 136	100.000 100.000	(x) 100.000
535	Sheetmetal workers and tinsmiths..... Tinsmiths, coppersmiths, and sheet metal workers (525).....	143,777 143,777	100.000 100.000	(x) 100.000	1,705 1,705	100.000 100.000	(x) 100.000
536	Sheetmetal apprentices..... Apprentices, metalworking trades, n.e.c. (614).....	4,113 4,113	100.000 100.000	(x) 72.727	104 104	100.000 100.000	(x) 100.000
540	Shipfitters..... Structural metal workers (523).....	11,981 11,981	100.000 100.000	(x) 18.182	- -	- -	(x) (x)
542	Shoe repairmen..... Shoemakers and repairers, except factory (515)..... Operatives and kindred workers, n.e.c. (775)--	39,587 35,509	100.000 89.699	(x) 100.000	2,940 1,358	100.000 46.190	(x) 100.000
543	Rubber products..... Footwear, except rubber..... Sign painters and letterers..... Painters, construction and maintenance (495)..... Craftsmen and kindred workers, n.e.c. (545).....	3,227 3,227 29,737 28,090 1,647	2.150 8.152 100.000 94.461 5.539	4.444 100.000 (x) 6.891 1.493	1,582 1,411 1,411 1,411	53.810 100.000 (x) 100.000	2.083 - - 16.667 -
545	Stationary engineers..... Stationary engineers (520)..... Operatives and kindred workers, n.e.c. (775)--	291,806 271,876	100.000 93.170	(x) 99.263	1,619 1,619	100.000 100.000	(x) 100.000
546	Primary nonferrous industries..... Electrical machinery, equipment, and supplies..... Miscellaneous food preparations and kindred products..... Miscellaneous chemicals and allied products..... Communications, and utilities and sanitary services..... All other industries (including not reported).....	634 718 821 713 16,212 832	.217 .246 .281 .244 5.556 .285	.840 .450 3.030 .585 33.333 1.333	- - - - - -	- - - - - -	- - - - - -
550	Stone cutters and stone carvers..... Stone cutters and stone carvers (521)..... Operatives and kindred workers, n.e.c. (775)--	7,059 6,373	100.000 90.282	(x) 100.000	144 144	100.000 100.000	(x) 100.000
551	Miscellaneous nonmetallic mineral and stone products..... Tailors..... Tailors and tailoresses (524)..... Laundry and dry cleaning operatives (674)..... Operatives and kindred workers, n.e.c. (775)--	686	9.718	2.174	-	-	-
552	Knitting mills..... Dyeing and finishing textiles, except wool and knit goods..... Yarn, thread, and fabric mills..... Apparel and accessories..... Personal services.....	2,294 656 554 26,561 849	3.571 1.021 .862 41.348 1.322	16.667 3.333 .400 26.389 11.111	- - - 6,221 -	- - - 26.888 -	- - - 2.113 -
554	Telephone installers and repairmen..... Linemen and servicemen, telegraph, telephone, & power (453). Mechanics and repairmen, n.e.c. (480).....	149,966 148,509 1,457	100.000 99.028 .972	(x) 54.483 .120	3,084 3,084 -	100.000 100.000 -	(x) 55.000 -
560	Telephone linemen and splicers..... Linemen and servicemen, telegraph, telephone, and power (453)..... Tile setters..... Brickmasons, stonemasons, and tile setters (405)..... Craftsmen and kindred workers, n.e.c. (545).....	41,354 41,354 46,621 35,097 11,524	100.000 100.000 (X) 75.282 24.718	15.172 - - 16.970 10.448	839 - - - -	100.000 - - - -	15.000 (x) -
561	Tool and die makers..... Machinists (465)..... Toolmakers, and die makers and setters (530).....	180,873 8,860 172,013	100.000 4.898 95.102	(x) 1.743 92.784	1,207 - 1,207	100.000 - 100.000	(x) -
562	Tool and die maker apprentices..... Apprentice machinists and toolmakers (605).....	5,588 5,588	100.000 100.000	(x) 36.364	- -	- -	(x) -

- Represents zero x Not applicable

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding.)

* Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
605	Chairmen, rodmen, and axmen; surveying.....	10,337	100.000	(x)	439	100.000	(x)
	Chairmen, rodmen, and axmen, surveying (642).....	10,337	100.000	100.000	439	100.000	100.000
610	Checkers, examiners, and inspectors, manufacturing.....	304,147	100.000	(x)	249,585	100.000	(x)
	Clerical and kindred workers, n.e.c. (370).....	24,097	7.923	1.963	7,547	3.024	.422
	Checkers, examiners, and inspectors, manufacturing (643).....	277,504	91.240	100.000	236,631	94.810	100.000
	Operatives and kindred workers, n.e.c. (775)--						
	Blast furnaces, steel works, & rolling & finishing mills.....	925	.304	.935	-	-	-
	Dairy products.....	745	.245	1.408	-	-	-
	Tobacco manufactures.....	-	-	-	4,606	1.845	18.182
	Miscellaneous fabricated textile products.....	-	-	-	801	.321	3.125
	Wholesale and retail trade.....	876	.288	.549	-	-	-
611	Clothing ironers and pressers.....	80,504	100.000	(x)	170,317	100.000	(x)
	Laundry and dry cleaning operatives (674).....	42,376	52.638	36.612	129,788	76.249	43.803
	Operatives and kindred workers, n.e.c. (775)--						
	Professional equipment and supplies.....	650	.807	2.381	-	-	-
	Miscellaneous manufacturing industries.....	-	-	-	1,351	.794	2.041
	Knitting mills.....	2,294	2.850	16.667	3,689	2.167	7.576
	Yarn, thread, and fabric mills.....	554	.688	.400	-	-	-
	Apparel and accessories.....	30,073	37.356	29.861	30,410	17.865	10.329
	Miscellaneous manufactured textile products.....	1,075	1.335	6.667	-	-	-
	Wholesale and retail trade.....	2,633	3.271	1.648	3,461	2.033	5.714
	Personal services.....	849	1.055	11.111	1,518	.892	20.000
612	Cutting operatives, n.e.c.....	120,071	100.000	(x)	31,091	100.000	(x)
	Mine operatives and laborers, n.e.c. (685)--Coal mining.....	3,022	2.517	2.164	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and mill work.....	5,815	4.843	5.797	-	-	-
	Furniture and fixtures.....	3,337	2.779	3.676	550	1.769	3.333
	Glass and glass products.....	8,954	7.457	19.403	1,712	5.606	20.000
	Pottery and related products.....	609	.507	4.762	572	1.840	6.667
	Miscellaneous nonmetallic mineral and stone products.....	1,365	1.137	4.348	685	2.203	11.111
	Blast furnaces, steel works, & rolling & finishing mills.....	11,073	9.222	11.215	-	-	-
	Other primary iron and steel industries.....	726	.605	1.163	756	2.432	33.333
	Primary nonferrous industries.....	2,542	2.117	3.361	-	-	-
	Cutlery, hand tools, and other hardware.....	719	.599	3.448	-	-	-
	Miscellaneous fabricated metal products.....	4,611	3.840	3.111	2,204	7.089	5.455
	Farm machinery and equipment.....	976	.813	4.255	-	-	-
	Miscellaneous machinery.....	4,903	4.083	2.374	-	-	-
	Electrical machinery, equipment, and supplies.....	3,589	2.989	2.252	706	2.271	.463
	Motor vehicles and motor vehicle equipment.....	3,120	2.598	2.016	-	-	-
	Aircraft and parts.....	1,662	1.384	2.500	-	-	-
	Railroad and miscellaneous transportation equipment.....	863	.719	5.263	-	-	-
	Professional equipment and supplies.....	-	-	-	593	1.907	3.448
	Photographic equipment and supplies.....	2,192	1.826	25.000	871	2.801	33.333
	Miscellaneous manufacturing industries.....	4,603	3.834	6.250	1,351	4.345	2.041
	Confectionery and related products.....	-	-	-	718	2.309	5.556
	Beverage industries.....	794	.661	1.923	-	-	-
	Knitting mills.....	-	-	-	2,212	7.115	4.545
	Floor coverings, except hard surface.....	410	.341	5.882	-	-	-
	Yarn, thread, and fabric mills.....	2,208	1.839	1.600	1,782	5.732	1.579
	Miscellaneous textile mill products.....	1,112	.926	8.333	-	-	-
	Apparel and accessories.....	4,893	4.075	4.861	8,984	28.896	3.052
	Miscellaneous fabricated textile products.....	1,075	.895	6.667	801	2.576	3.125
	Pulp, paper, and paperboard mills.....	6,275	5.226	6.299	468	1.505	4.545
	Paperboard containers and boxes.....	5,360	4.464	11.538	2,009	6.462	8.889
	Miscellaneous paper and pulp products.....	3,182	2.650	11.111	-	-	-
	Printing, publishing, & allied industries, exc. newspapers	8,367	6.968	16.418	-	-	-
	Miscellaneous chemical and allied products.....	3,583	2.984	2.924	815	2.621	6.250
	Miscellaneous petroleum and coal products.....	675	.562	12.500	-	-	-
	Rubber products.....	1,704	1.419	2.020	2,497	8.031	9.677
	Miscellaneous plastic products.....	2,181	1.816	6.818	805	2.589	4.000
	Footwear, except rubber.....	1,615	1.345	2.222	-	-	-
	Construction.....	927	.772	.917	-	-	-
	Transportation, except railroad.....	752	.626	2.273	-	-	-
	Wholesale and retail trade.....	8,767	7.302	5.495	-	-	-
	Business and repair services.....	678	.565	1.075	-	-	-
	All other industries (including not reported).....	832	.693	1.333	-	-	-
613	Dressmakers and seamstresses, except factory.....	4,203	100.000	(x)	121,710	100.000	(x)
	Dressmakers and seamstresses, except factory (651).....	4,203	100.000	100.000	108,871	89.451	91.099
	Sewers and stitchers, manufacturing (705).....	-	-	-	12,839	10.549	2.216

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

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Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civi- lian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civi- lian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
628	Heaters, metal..... Heaters, metal (672).....	7,855	100.000	(x)	191	100.000	(x)
630	Laundry and dry cleaning operatives, n.e.c..... Laundry and dry cleaning operatives (674).....	69,577	100.000	100.000	112,693	100.000	(x)
631	Meat cutters and butchers, except manufacturing..... Meat cutters, except slaughter and packing house (675)..... Operatives and kindred workers, n.e.c. (775)-- Wholesale and retail trade.....	182,806	100.000	60.109	112,693	100.000	38.034
633	Meat cutters and butchers, manufacturing..... Apprentices, other specified trades (620)..... Operatives and kindred workers, n.e.c. (775)-- Meat products..... Canning and preserving fruits, vegetables, and seafoods..... Grain-mill products..... Miscellaneous food preparations and kindred products.....	180,173	98.560	100.000	5,764	100.000	(x)
634	Meat wrappers, retail trade..... Packers and wrappers, n.e.c. (693).....	2,633	1.440	1.648	-	-	-
635	Metal platers..... Operatives and kindred workers, n.e.c. (775)-- Furniture and fixtures..... Blast furnaces, steel works, & rolling & finishing mills..... Primary nonferrous industries..... Cutlery, hand tools, and other hardware..... Miscellaneous fabricated metal products..... Farm machinery and equipment..... Office, computing, and accounting machines..... Miscellaneous machinery..... Electrical machinery, equipment, and supplies..... Motor vehicles and motor vehicle equipment..... Aircraft and parts..... Professional equipment and supplies..... Miscellaneous manufacturing industries..... Transportation, except railroad..... Wholesale and retail trade..... Business and repair services.....	64,361	100.000	(x)	18,963	100.000	(x)
636	Milliners..... Milliners (680).....	2,322	3.608	28.571	-	-	-
640	Mine operatives, n.e.c..... Stationary engineers (520)..... Mine operatives and laborers, n.e.c. (685)-- Coal mining..... Crude petroleum and natural gas extraction..... Mining and quarrying, except fuel.....	9,882	92.489	60.550	17,546	92.528	48.936
641	Mixing operatives..... Operatives and kindred workers, n.e.c. (775)-- Sawmills, planing mills, and mill work..... Cement and concrete, gypsum, and plaster products..... Structural clay products..... Miscellaneous nonmetallic mineral and stone products..... Blast furnaces, steel works, & rolling & finishing mills..... Other primary iron and steel industries..... Miscellaneous machinery..... Electrical machinery, equipment, and supplies..... Motor vehicles and motor vehicle equipment..... Miscellaneous manufacturing industries..... Dairy products..... Canning and preserving fruits, vegetables, and seafoods..... Grain-mill products..... Bakery products..... Confectionery and related products..... Beverage industries..... Miscellaneous food preparations and kindred products..... Tobacco manufactures..... Pulp, paper, and paperboard mills..... Miscellaneous paper and pulp products..... Drugs and medicines..... Paints, varnishes, and related products..... Miscellaneous chemicals and allied products..... Petroleum refining..... Miscellaneous petroleum and coal products..... Rubber products..... Miscellaneous plastic products..... Wholesale and retail trade..... All other industries (including not reported).....	245,459	100.000	(x)	3,851	100.000	(x)
		1,346	.548	.491	-	-	-
		97,429	39.693	69.697	305	22.744	100.000
		77,710	31.659	76.384	355	26.473	100.000
		68,974	28.100	78.481	681	50.783	100.000
		61,506	100.000	(x)	2,852	100.000	(x)
		727	1.182	.725	-	-	-
		5,415	8.804	15.556	-	-	-
		760	1.236	4.167	-	-	-
		686	1.115	2.174	-	-	-
		925	1.504	.935	-	-	-
		726	1.180	1.163	-	-	-
		1,221	1.985	.593	-	-	-
		1,437	2.336	.902	-	-	-
		1,248	2.029	.807	-	-	-
		767	1.247	1.042	-	-	-
		2,238	3.639	4.225	-	-	-
		674	1.096	1.923	707	24.790	1.235
		7,118	11.573	25.925	-	-	-
		2,996	4.871	10.638	-	-	-
		-	-	-	2,145	75.210	16.666
		794	1.291	1.923	-	-	-
		821	1.335	3.030	-	-	-
		724	1.177	4.762	-	-	-
		3,139	5.104	3.150	-	-	-
		1,271	2.066	4.444	-	-	-
		572	.930	5.263	-	-	-
		5,890	9.576	37.500	-	-	-
		7,164	11.648	5.847	-	-	-
		704	1.145	1.613	-	-	-
		675	1.097	12.500	-	-	-
		5,117	8.320	6.061	-	-	-
		727	1.182	2.273	-	-	-
		6,138	9.980	3.847	-	-	-
		832	1.353	1.333	-	-	-

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Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
642	Oilers and greasers, except auto.....	56,032	100.000	(x)	611	100.000	(x)
	Oilers and greasers, except auto (692).....	56,032	100.000	100.000	611	100.000	100.000
643	Packers and wrappers, except meat and produce.....	183,051	100.000	(x)	274,551	100.000	(x)
	Stock clerks and storekeepers (350).....	676	.369	.230	3,189	1.162	6.098
	Laundry and dry cleaning operatives (674).....	1,285	.691	1.093	4,431	1.614	1.496
	Packers and wrappers, n.e.c. (693).....	177,834	97.150	92.884	265,097	96.557	88.296
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous wood products.....	585	.320	1.923	-	-	-
	Cutlery, hand tools, and other hardware.....	719	.393	3.448	-	-	-
	Canning and preserving fruits, vegetables, and seafoods.....	-	-	-	707	.258	1.235
	Grain-mill products.....	-	-	-	362	.132	16.687
	Tobacco manufactures.....	-	-	-	765	.279	3.030
	Pulp, paper, and paperboard mills.....	782	.427	.787	-	-	-
	Paperboard containers and boxes.....	1,190	.650	2.564	-	-	-
644	Painters, manufactured articles.....	105,250	100.000	(x)	16,467	100.000	(x)
	Painters, except construction and maintenance (694).....	102,168	97.072	76.526	14,040	85.261	94.118
	Operatives and kindred workers, n.e.c. (775)--						
	Pottery and related products.....	1,223	1.162	9.524	1,720	10.445	20.000
	Miscellaneous machinery.....	611	.581	.297	-	-	-
	Motor vehicles and motor vehicle equipment.....	1,248	1.186	.807	-	-	-
	Canning and preserving fruits, vegetables, and seafoods.....	-	-	-	707	4.293	1.235
645	Photographic process workers.....	25,440	100.000	(x)	21,525	100.000	(x)
	Clerical and kindred workers, n.e.c. (370).....	749	2.944	.061	681	3.164	.038
	Photographic process workers (695).....	24,691	97.056	100.000	19,079	88.636	100.000
	Operatives and kindred workers, n.e.c. (775)--						
	Wholesale and retail trade.....	-	-	-	864	4.014	1.429
	Business and repair services.....	-	-	-	901	4.186	10.000
650	Drill press operatives.....	49,429	100.000	(x)	11,858	100.000	(x)
	Operatives and kindred workers, n.e.c. (775)--						
	Furniture and fixtures.....	664	1.343	.735	-	-	-
	Structural clay products.....	760	1.538	4.167	-	-	-
	Blast furnaces, steel works, & rolling & finishing mills.....	925	1.871	.935	-	-	-
	Other primary iron and steel industries.....	2,181	4.412	3.488	-	-	-
	Primary nonferrous industries.....	634	1.283	.840	808	6.814	8.696
	Cutlery, hand tools, and other hardware.....	-	-	-	907	7.649	7.143
	Fabricated structural metal products.....	2,500	5.058	4.054	-	-	-
	Miscellaneous fabricated metal products.....	3,294	6.664	2.222	731	6.165	1.818
	Farm machinery and equipment.....	1,948	3.941	8.511	343	2.893	33.333
	Office, computing, and accounting machines.....	1,943	3.931	11.538	667	5.625	7.692
	Miscellaneous machinery.....	20,229	40.925	9.792	3,402	28.689	13.889
	Electrical machinery, equipment, and supplies.....	6,466	13.081	4.054	1,414	11.924	.926
	Motor vehicles and motor vehicle equipment.....	3,120	6.312	2.016	712	6.004	3.704
	Aircraft and parts.....	3,333	6.743	5.000	1,476	12.447	13.333
	Professional equipment and supplies.....	650	1.315	2.381	593	5.001	3.448
	Pulp, paper, and paperboard mills.....	782	1.582	.787	-	-	-
	Miscellaneous plastic products.....	-	-	-	805	6.789	4.000
651	Grinding machine operatives.....	79,188	100.000	(x)	2,225	100.000	(x)
	Blacksmiths (402).....	1,551	1.959	7.317	-	-	-
652	Filers, grinders, and polishers, metal (653).....	77,637	98.041	51.813	2,225	100.000	25.000
	Lathe and milling machine operatives.....	91,467	100.000	(x)	4,192	100.000	(x)
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and mill work.....	2,907	3.178	2.899	-	-	-
	Miscellaneous wood products.....	585	.640	1.923	-	-	-
	Furniture and fixtures.....	2,003	2.190	2.206	-	-	-
	Miscellaneous nonmetallic mineral and stone products.....	686	.750	2.174	-	-	-
	Blast furnaces, steel works, & rolling & finishing mills.....	3,687	4.031	3.738	-	-	-
	Other primary iron and steel industries.....	2,907	3.178	4.651	-	-	-
	Primary nonferrous industries.....	1,273	1.392	1.681	-	-	-
	Cutlery, hand tools, and other hardware.....	719	.786	3.448	-	-	-
	Fabricated structural metal products.....	832	.910	1.351	-	-	-
	Miscellaneous fabricated metal products.....	5,930	6.483	4.000	731	17.438	1.818
	Farm machinery and equipment.....	976	1.067	4.255	-	-	-
	Office, computing, and accounting machines.....	649	.710	3.846	667	15.911	7.692
	Miscellaneous machinery.....	31,253	34.169	15.134	678	16.174	2.778
	Electrical machinery, equipment, and supplies.....	7,907	8.645	4.955	-	-	-
	Motor vehicles and motor vehicle equipment.....	8,114	8.871	5.242	-	-	-
	Aircraft and parts.....	10,825	11.835	16.250	739	17.629	6.667
	Professional equipment and supplies.....	1,948	2.130	7.143	-	-	-
	Photographic equipment and supplies.....	1,105	1.208	12.500	-	-	-
	Watches, clocks, and clockwork-operated devices.....	-	-	-	700	16.698	12.500
	Miscellaneous manufacturing industries.....	767	.839	1.042	677	16.150	1.020
	Yarn, thread, and fabric mills.....	1,105	1.208	.800	-	-	-
	Rubber products.....	2,556	2.794	3.030	-	-	-
	Construction.....	1,857	2.030	1.835	-	-	-
	Wholesale and retail trade.....	876	.958	.549	-	-	-

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
653	Precision machine operatives, n.e.c.....	43,269	100.000	(X)	3,349	100.000	(X)
	Operatives and kindred workers, n.e.c.(775)--						
	Miscellaneous wood products.....	585	1.352	1.923	-	-	-
	Furniture and fixtures.....	1,336	3.088	1.471	-	-	-
	Cement and concrete, gypsum, and plaster products.....	772	1.784	2.222	-	-	-
	Blast furnaces, steel works, & rolling & finishing mills.....	925	2.138	.935	-	-	-
	Other primary iron and steel industries.....	1,453	3.358	2.326	-	-	-
	Primary nonferrous industries.....	-	-	-	403	12,033	4.348
	Cutlery, hand tools, and other hardware.....	719	1.662	3.448	-	-	-
	Miscellaneous fabricated metal products.....	3,953	9.136	2.667	731	21.827	1.818
	Farm machinery and equipment.....	488	1.128	2.128	-	-	-
	Office, computing, and accounting machines.....	1,297	2.998	7.692	-	-	-
	Miscellaneous machinery.....	18,383	42.485	8.902	678	20.345	2.778
	Electrical machinery, equipment, and supplies.....	2,155	4.980	1.351	706	21.081	.463
	Motor vehicles and motor vehicle equipment.....	2,496	5.769	1.613	-	-	-
	Aircraft and parts.....	3,333	7.703	5.000	-	-	-
	Professional equipment and supplies.....	650	1.502	2.381	-	-	-
	Miscellaneous manufacturing industries.....	767	1.773	1.042	-	-	-
	Miscellaneous chemicals and allied products.....	713	1.648	.585	-	-	-
	Rubber products.....	-	-	-	831	24.813	3.226
	Construction.....	927	2.142	.917	-	-	-
	Business and repair services.....	678	1.567	1.075	-	-	-
	Public administration.....	1,639	3.788	4.000	-	-	-
656	Punch and stamping press operatives.....	116,150	100.000	(X)	49,325	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and millwork.....	727	.626	.725	-	-	-
	Furniture and fixtures.....	1,336	1.150	1.471	550	1.115	3.333
	Miscellaneous nonmetallic mineral and stone products.....	2,053	1.768	6.522	1,378	2.794	22.222
	Blast furnaces, steel works, & rolling & finishing mills.....	5,536	4.766	5.607	-	-	-
	Other primary iron and steel industries.....	2,907	2.503	4.651	-	-	-
	Primary nonferrous industries.....	3,179	2.737	4.202	1,625	3.294	17.391
	Cutlery, hand tools, and other hardware.....	2,156	1.856	10.345	3,626	7.351	28.571
	Fabricated structural metal products.....	5,827	5.017	9.459	881	1.786	20.000
	Miscellaneous fabricated metal products.....	22,403	19.288	15.111	11,761	23.844	29.091
	Farm machinery and equipment.....	1,465	1.261	6.383	-	-	-
	Office, computing, and accounting machines.....	1,297	1.117	7.962	2,011	4.077	23.078
	Miscellaneous machinery.....	10,420	8.971	5.045	4,764	9.658	19.444
	Electrical machinery, equipment, and supplies.....	17,248	14.850	10.811	9,915	20.101	6.481
	Motor vehicles and motor vehicle equipment.....	26,221	22.575	16.935	4,289	8.695	22.222
	Aircraft and parts.....	829	.714	1.250	-	-	-
	Railroad and miscellaneous transportation equipment.....	1,724	1.484	10.526	710	1.439	50.000
	Watches, clocks, and clockwork-operated devices.....	-	-	-	700	1.419	12.500
	Miscellaneous manufacturing industries.....	3,838	3.304	5.208	4,058	8.227	6.122
	Canning and preserving fruits, vegetables, and seafoods.....	674	.580	1.923	-	-	-
	Miscellaneous fabricated textile products.....	1,075	.928	6.687	-	-	-
	Paperboard containers and boxes.....	1,190	1.025	2.564	-	-	-
	Printing, publishing, & allied industries, exc. newspapers.....	759	.653	1.493	-	-	-
	Rubber products.....	851	.733	1.010	831	1.685	3.226
	Miscellaneous plastic products.....	727	.626	2.273	1,613	3.270	8.000
	Not specified manufacturing industries.....	-	-	-	613	1.243	14.286
	Wholesale and retail trade.....	876	.754	.549	-	-	-
	All other industries (including not reported).....	832	.716	1.333	-	-	-
660	Riveters and fasteners.....	17,021	100.000	(X)	8,407	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous wood products.....	585	3.437	1.923	-	-	-
	Furniture and fixtures.....	2,003	11.768	2.206	550	6.542	3.333
	Other primary iron and steel industries.....	726	4.265	1.163	-	-	-
	Fabricated structural metal products.....	2,500	14.688	4.054	-	-	-
	Miscellaneous fabricated metal products.....	657	3.860	.444	-	-	-
	Farm machinery and equipment.....	976	5.734	4.255	-	-	-
	Office, computing, and accounting machines.....	649	3.813	3.846	667	7.934	7.692
	Electrical machinery, equipment, and supplies.....	718	4.218	.450	2,122	25.241	1.389
	Motor vehicles and motor vehicle equipment.....	1,248	7.332	.807	2,144	25.503	11.111
	Aircraft and parts.....	3,333	19.582	5.000	-	-	-
	Railroad and miscellaneous transportation equipment.....	863	5.070	5.263	-	-	-
	Miscellaneous manufacturing industries.....	1,535	9.018	2.083	677	8.053	1.020
	Apparel and accessories.....	-	-	-	1,383	16.451	.469
	Leather products, except footwear.....	1,228	7.215	8.333	-	-	-
	Wholesale and retail trade.....	-	-	-	864	10.277	1.429

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female			
		Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	
661	Sailors and deckhands..... Sailors and deckhands (703).....	40,379	100.000	(X)	267	100.000	(X)	
662	Sawyers..... Sawyers (704).....	40,379	100.000	100.000	267	100.000	100.000	
663	Lumbermen, raftsmen, and wood choppers (970)..... Sewers and stitchers..... Dressmakers and seamstresses, except factory (651)..... Laundry and dry cleaning operatives (674)..... Sewers and stitchers, manufacturing (705)..... Operatives and kindred workers, n.e.c. (775)-- Furniture and fixtures..... Professional equipment and supplies..... Knitting mills..... Apparel and accessories..... Miscellaneous fabricated textile products..... Printing, publishing, & allied industries, exc. newspapers..... Rubber products..... Leather products, except footwear..... Business and repair services..... Public administration..... All other industries (including not reported).....	101,403 92,187 9,216 50,379 - - 37,685 - - 11,882 - - - - - - - 51,718 851 50,867	100.000 100.000 90,912 9,088 - - 74.763 - - 23.585 - - 1.651 100.000 1.645 98.355	(X) 100.000 100.000 6.818 (X) - - 100.000 - - 11.806 - - 1.333 (X) 1.010 70.000	2,399 2,399 10,639 13,295 565,016 176,230 4,800 555 831 646 1,803 1,144	100.000 100.000 100.000 100.000 565,016 22,609 .616	100.000 100.000 100.000 100.000 72,488 59,859 18.750 .071 .107 .083 .231 .147	(X) (X) 8.901 4.487 97.523 6.667 6.897 4.545 59.859 1.587 3.226 4.000 20.000 25.000 (X) 3.226 93.750 (X) 4.348 6.507 7.273 7.692 5.556 21.296 3.704 13.333 17.241 3.061 (X) 100.000 100.000
664	Shoemaking machine operatives..... Operatives and kindred workers, n.e.c. (775)-- Rubber products..... Footwear, except rubber.....	21,873	100.000	(X)	45,121	100.000	(X)	
665	Solderers..... Operatives and kindred workers, n.e.c. (775)-- Primary nonferrous industries..... Miscellaneous fabricated metal products..... Farm machinery and equipment..... Office, computing, and accounting machines..... Miscellaneous machinery..... Electrical machinery, equipment, and supplies..... Motor vehicles and motor vehicle equipment..... Aircraft and parts..... Professional equipment and supplies..... Miscellaneous manufacturing industries.....	- - - 488 - - 1,221 12,935 3,746 - 1,948 1,535	- - - 2,231 - - 5,582 59,137 17,126 - 8,906 7,018	- 2,936 1,357 32,588 72,224 712 1,476 2,955 2,027	.893 6.507 3.007 5.556 72,224 1.578 3.271 6.549 4.492	403 667 1,478 3.007 5.556 72,224 1.578 3.271 6.549 4.492	4.348 7.273 7.692 7.273 21.296 3.704 13.333 17.241 3.061	
666	Stationary firemen..... Stationary firemen (712)..... Operatives and kindred workers, n.e.c. (775)-- Sawmills, planing mills, and mill work..... Furniture and fixtures..... Cement and concrete, gypsum, and plaster products..... Structural clay products..... Pottery and related products..... Miscellaneous nonmetallic mineral and stone products..... Miscellaneous fabricated metal products..... Electrical machinery, equipment, and supplies..... Communications, and utilities and sanitary services..... All other industries (including not reported).....	105,168 91,955	100.000 87,436	(X) 100.000	549 549	100.000 100.000	(X) 100.000	
670	Carding, lapping, and combing operatives..... Operatives and kindred workers, n.e.c. (775)-- Floor coverings, except hard surface..... Yarn, thread, and fabric mills..... Miscellaneous textile mill products..... Miscellaneous fabricated textile products..... Synthetic fibers.....	30,406	100.000	(X)	11,293	100.000	(X)	
671	Knitters, loopers, and topplers..... Knitters, loopers, and topplers, textile (673).....	827 26,548 2,225 - 806 15,325 15,325	2.720 87,312 7,318 - 2.651 100.000 100.000	11,765 19,200 16,667 - 5,263 (X) 32,984	- 9,504 801 - 988 32,984 32,984	- 84,158 7,093 - 8,749 100.000 100.000	- 8,421 3,125 - 12,500 (X) 100.000	
672	Spinners, twistlers, and winders..... Spinners, textile (710)..... Operatives and kindred workers, n.e.c. (775)-- Glass and glass products..... Knitting mills..... Dyeing and finishing textiles, except wool and knit goods..... Floor coverings, except hard surface..... Yarn, thread, and fabric mills..... Miscellaneous textile mill products..... Synthetic fibers..... All other industries (including not reported).....	67,632 10,840	100.000 16,028	(X) 100.000	109,784 41,350	100.000 37,665	(X) 100.000	
		1,378 762 2,645 410 47,554 4,043	2.037 1,127 3,911 .606 70,313	2,985 5,555 13,333 5,882 34,400 26,316	687 739 - 1,767 56,437 3,938	.626 .673 - 1,610 51,407 3,254	8,000 1,515 - 33,333 50,000 2,964 50,000 5,882	

* Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
673	Weavers.....	39,363	100.000	(X)	29,491	100.000	(X)
	Weavers, textile (720).....	38,258	97.193	100.000	27,491	83.218	100.000
	Operatives and kindred workers, n.e.c. (775)--						
	Yarn, thread, and fabric mills.....	1,105	2.807	.800	1,186	4.022	1.053
	Miscellaneous textile mill products.....	-	-	-	814	2.760	10.000
674	Textile operatives, n.e.c.....	92,252	100.000	(X)	94,907	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Knitting mills.....	8,399	9.104	61.111	39,076	41.173	80.304
	Dyeing and finishing textiles, except wool and knit goods.....	13,208	14.317	66.667	3,368	3.549	75.000
	Floor coverings, except hard surface.....	4,560	4.943	64.706	3,843	3.733	66.667
	Yarn, thread, and fabric mills.....	55,293	59.937	40.000	43,361	45.688	38.421
	Miscellaneous textile mill products.....	9,986	10.825	75.000	4,062	4.280	50.000
	Apparel and accessories.....	-	-	-	696	.733	.235
	Miscellaneous fabricated textile products.....	-	-	-	801	.844	3.125
	Synthetic fibers.....	806	.874	5.263	-	-	-
680	Welders and flame-cutters.....	369,984	100.000	(X)	18,176	100.000	(X)
	Welders and flame-cutters (721).....	368,446	99.584	100.000	18,176	100.000	100.000
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous machinery.....	611	.165	.297	-	-	-
	Construction.....	927	.251	.917	-	-	-
681	Winding operatives, n.e.c.....	24,689	100.000	(X)	22,489	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous wood products.....	585	2.369	1.923	-	-	-
	Other primary iron and steel industries.....	1,453	5.885	2.326	-	-	-
	Primary nonferrous industries.....	3,179	12.876	4.202	-	-	-
	Fabricated structural metal products.....	832	3.370	1.351	-	-	-
	Miscellaneous fabricated metal products.....	1,974	7.995	1.333	-	-	-
	Miscellaneous machinery.....	1,831	7.416	.890	678	3.015	2.778
	Electrical machinery, equipment, and supplies.....	7,907	32.026	4.955	14,160	62.864	9.259
	Motor vehicles and motor vehicle equipment.....	-	-	-	712	3.166	3.704
	Professional equipment and supplies.....	-	-	-	1,181	5.251	6.897
	Watches, clocks, and clockwork-operated devices.....	-	-	-	700	3.113	12.500
	Miscellaneous manufacturing industries.....	-	-	-	2,027	9.013	3.061
	Yarn, thread, and fabric mills.....	554	2.244	.400	-	-	-
	Pulp, paper, and paperboard mills.....	1,568	6.351	1.575	468	2.081	4.545
	Paperboard containers and boxes.....	1,190	4.820	2.564	-	-	-
	Rubber products.....	851	3.447	1.010	1,662	7.390	6.451
	Miscellaneous plastic products.....	727	2.945	2.273	-	-	-
	Business and repair services.....	2,038	8.255	3.226	901	4.006	10.000
690	Machine operatives, miscellaneous specified.....	587,894	(X)	(X)	175,060	(X)	(X)
	Lumber and wood products, except furniture.....	24,436	100.000	(X)	4,794	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and mill work.....	13,813	56.527	13.768	1,862	38.840	50.000
	Miscellaneous wood products.....	10,007	40.952	32.693	2,932	61.160	37.500
	Laborers, n.e.c. (985)--						
	Sawmills, planing mills, and mill work.....	616	2.521	.645	-	-	-
	Furniture and fixtures.....	16,730	100.000	(X)	1,106	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Furniture and fixtures.....	16,730	100.000	18.382	1,106	100.000	6.667
	Stone, clay, and glass products.....	37,162	100.000	(X)	4,841	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Glass and glass products.....	9,643	25.949	20.896	1,366	28.217	16.000
	Cement and concrete, gypsum, and plaster products.....	12,406	33.384	35.556	-	-	-
	Structural clay products.....	4,542	12.222	25.000	838	17.310	33.333
	Pottery and related products.....	3,053	8.215	23.809	572	11.816	6.667
	Miscellaneous nonmetallic mineral and stone products.....	7,518	20.230	23.913	2,065	42.656	33.333
	Blast furnaces, steel works, and rolling and finishing mills.....	17,527	100.000	(X)	-	-	(X)
	Rollers and roll hands, metal (513).....	2,754	15.713	9.091	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Blast furnaces, steel works, & rolling & finishing mills....	14,773	84.287	14.953	-	-	-
	Other primary metal industries.....	49,771	100.000	(X)	2,814	100.000	(X)
	Rollers and roll hands, metal (513).....	690	1.386	2.273	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Other primary iron and steel industries.....	21,101	42.396	33.721	768	27.292	33.333
	Primary nonferrous industries.....	27,980	56.217	36.975	2,046	72.708	21.739
	Fabricated metal industries, including not specified metal....	26,919	100.000	(X)	6,517	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Cutlery, hand tools, and other hardware.....	2,156	8.009	10.345	1,813	27.820	14.286
	Fabricated structural metal products.....	4,992	18.545	8.108	1,768	27.129	40.000
	Miscellaneous fabricated metal products.....	19,771	73.446	13.333	2,936	45.051	7.273
	Machinery, except electrical.....	21,087	100.000	(X)	4,069	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Farm machinery and equipment.....	3,894	18.466	17.021	-	-	-
	Office, computing, and accounting machines.....	649	3.078	3.846	667	16.392	7.692
	Miscellaneous machinery.....	16,544	78.456	8.012	3,402	83.608	13.889

* Represents zero.

X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
690--	Electrical machinery, equipment, and supplies.....	19,402	100.000	(X)	25,500	100.000	(X)
Con.	Operatives and kindred workers, n.e.c. (775)--						
	Electrical machinery, equipment, and supplies.....	19,402	100.000	12.162	25,500	100.000	16.667
	Motor vehicles and motor vehicle equipment.....	14,982	100.000	(X)	712	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Motor vehicles and motor vehicle equipment.....	14,982	100.000	9.677	712	100.000	3.704
	Other transportation equipment.....	11,156	100.000	(X)	3,673	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Aircraft and parts.....	5,825	52.214	8.750	3,673	100.000	33.333
	Ship and boat building and repairing.....	4,468	40.050	23.077	-	-	-
	Railroads and miscellaneous transportation equipment.....	863	7.736	5.263	-	-	-
	Professional and photographic equipment, and watches.....	5,433	100.000	(X)	3,655	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Professional equipment and supplies.....	3,241	59.654	11.905	2,955	80.848	17.241
	Photographic equipment and supplies.....	2,192	40.346	25.000	-	-	-
	Watches, clocks, and clockwork-operated devices.....	-	-	-	700	19.152	12.500
	Ordnance.....	657	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous fabricated metal products.....	657	100.000	.444	-	-	-
	Miscellaneous manufacturing industries.....	8,439	100.000	(X)	7,443	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous manufacturing industries.....	8,439	100.000	11.458	7,443	100.000	11.224
	Food and kindred products.....	95,378	100.000	(X)	33,149	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Meat products.....	17,137	17.967	17.431	3,050	9.201	8.511
	Dairy products.....	23,839	24.994	45.070	830	2.504	20.000
	Canning and preserving fruits, vegetables, and seafoods.....	12,162	12.751	34.615	15,574	46.982	27.160
	Grain-mill products.....	8,133	8.527	29.630	704	2.124	33.333
	Bakery products.....	6,593	6.912	23.404	1,395	4.208	8.696
	Confectionery and related products.....	8,757	9.181	68.000	5,013	15.123	38.888
	Beverage industries.....	2,379	2.494	5.769	-	-	-
	Miscellaneous food preparations and kindred products.....	13,896	14.569	51.516	4,208	12.694	55.556
	Not specified food industries.....	2,482	2.602	100.000	2,375	7.165	100.000
	Tobacco manufactures.....	2,905	100.000	(X)	3,065	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Tobacco manufactures.....	2,905	100.000	19.048	3,065	100.000	12.121
	Apparel and other fabricated textile products.....	10,537	100.000	(X)	14,835	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Apparel and accessories.....	8,385	79.577	8.333	12,439	83.849	4.225
	Miscellaneous fabricated textile products.....	2,152	20.423	13.333	2,396	16.151	9.375
	Paper and allied products.....	48,779	100.000	(X)	15,890	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Pulp, paper, and paperboard mills.....	32,934	67.517	33.071	4,238	26.671	40.910
	Paperboard containers and boxes.....	10,124	20.755	21.795	6,530	41.095	28.889
	Miscellaneous paper and pulp products.....	5,721	11.728	20.001	5,122	32.234	26.087
	Printing, publishing, and allied industries.....	9,861	100.000	(X)	7,811	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Newspaper publishing and printing.....	2,259	22.908	25.000	575	7.361	25.000
	Printing, publishing, & allied industries, exc. newspapers	7,602	77.092	14.925	7,236	92.639	20.635
	Chemicals and allied products.....	36,126	100.000	(X)	7,025	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Synthetic fibers.....	806	2.231	5.263	1,975	28.114	25.000
	Drugs and medicines.....	1,725	4.775	15.790	2,151	30.619	33.334
	Paints, varnishes, and related products.....	4,919	13.616	31.250	460	6.548	33.333
	Miscellaneous chemicals and allied products.....	28,676	79.378	23.391	2,439	34.719	18.750
	Petroleum and coal products.....	22,404	100.000	(X)	470	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Petroleum refining.....	20,405	91.077	46.774	256	54.468	55.000
	Miscellaneous petroleum and coal products.....	1,999	8.923	37.500	214	45.532	66.667
	Rubber and miscellaneous plastic products.....	43,252	100.000	(X)	10,663	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Rubber products.....	36,705	84.863	43.435	5,826	54.638	22.581
	Miscellaneous plastic products.....	6,547	15.137	20.454	4,837	45.362	24.000
	Leather and leather products.....	9,800	100.000	(X)	1,943	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Leather: tanned, curried, and finished.....	6,109	62.337	39.130	-	-	-
	Leather products, except footwear.....	3,691	37.663	25.000	1,943	100.000	12.000
	Construction.....	8,365	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Construction.....	8,365	100.000	8.257	-	-	-
	Transportation, communications, and other public utilities...	7,585	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Transportation, except railroad.....	5,270	69.479	15.909	-	-	-
	Communications, and utilities and sanitary services.....	2,315	30.521	4.762	-	-	-

* Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding.)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
690--	Wholesale and retail trade.....	21,042	100.000	(X)	6,922	100.000	(X)
Con.	Operatives and kindred workers, n.e.c. (775)--	21,042	100.000	13.187	6,922	100.000	11.428
	Wholesale and retail trade.....	8,168	100.000	(X)	1,803	100.000	(X)
	Business and repair services.....	8,168	100.000	12.803	1,803	100.000	20.000
	Operatives and kindred workers, n.e.c. (775)--	1,639	100.000	(X)	-	-	(X)
	Business and repair services.....	1,639	100.000	4.000	-	-	-
	Public administration.....	8,352	100.000	(X)	6,360	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--	8,352	100.000	13.334	4,842	76.132	17.647
	Public administration.....	8,352	100.000	(X)	6,360	100.000	(X)
	All other industries.....	8,352	100.000	(X)	1,518	23.868	20.000
	Operatives and kindred workers, n.e.c. (775)--	-	-	-	1,518	23.868	20.000
	Personal services.....	8,352	100.000	13.334	4,842	76.132	17.647
	All other industries (including not reported).....	8,352	100.000	(X)	1,518	23.868	20.000
692	Miscellaneous operatives not specified.....	467,681	(X)	(X)	165,074	(X)	(X)
	Lumber and wood products, except furniture.....	8,612	100.000	(X)	1,980	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--	5,092	59.127	5.072	-	-	-
	Sawmills, planing mills, and mill work.....	3,520	40.873	11.538	1,980	100.000	25.000
	Miscellaneous wood products.....	10,684	100.000	(X)	2,770	100.000	(X)
	Furniture and fixtures.....	10,684	100.000	11.766	2,770	100.000	16.667
	Operatives and kindred workers, n.e.c. (775)--	21,165	100.000	(X)	5,017	100.000	(X)
	Furniture and fixtures.....	21,165	100.000	(X)	5,017	100.000	(X)
	Stone, clay, and glass products.....	6,890	32.554	14.925	2,040	40.662	24.000
	Operatives and kindred workers, n.e.c. (775)--	3,873	18.299	11.111	449	8.950	100.000
	Glass and glass products.....	3,026	14.297	16.666	-	-	-
	Cement and concrete, gypsum, and plaster products.....	1,223	5.778	9.524	1,150	22.922	13.333
	Structural clay products.....	6,153	29.072	19.565	1,378	27.467	22.222
	Pottery and related products.....	10,151	100.000	(X)	425	100.000	(X)
	Blast furnaces, steel works, & rolling & finishing mills.....	10,151	100.000	10.280	425	100.000	25.000
	Operatives and kindred workers, n.e.c. (775)--	18,627	100.000	(X)	1,625	100.000	(X)
	Other primary metal industries.....	18,627	100.000	(X)	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	6,544	35.132	10.465	-	-	-
	Other primary iron and steel industries.....	12,083	64.868	15.966	1,625	100.000	17.391
	Primary nonferrous industries.....	41,079	100.000	(X)	15,720	100.000	(X)
	Fabricated metal industries, including not specified metal.....	41,079	100.000	(X)	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	5,053	12.301	24.138	5,441	34.612	42.857
	Cutlery, hand tools, and other hardware.....	8,326	20.268	13.514	-	-	-
	Fabricated structural metal products.....	27,700	67.431	18.667	10,279	65.388	25.455
	Miscellaneous fabricated metal products.....	56,447	100.000	(X)	10,544	100.000	(X)
	Machinery, except electrical.....	56,447	100.000	(X)	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	5,346	9.471	23.404	350	3.319	33.333
	Farm machinery and equipment.....	3,875	6.865	23.078	2,031	19.262	23.078
	Office, computing, and accounting machines.....	47,226	83.664	22.848	8,163	77.418	33.333
	Miscellaneous machinery.....	23,017	100.000	(X)	16,989	100.000	(X)
	Electrical machinery, equipment, and supplies.....	23,017	100.000	(X)	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	36,858	100.000	(X)	5,722	100.000	(X)
	Electrical machinery, equipment, and supplies.....	36,858	100.000	(X)	-	-	-
	Motor vehicles and motor vehicle equipment.....	36,858	100.000	23.790	5,722	100.000	29.630
	Operatives and kindred workers, n.e.c. (775)--	10,741	100.000	(X)	2,213	100.000	(X)
	Other transportation equipment.....	10,741	100.000	(X)	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	6,662	62.024	10.000	2,213	100.000	20.000
	Aircraft and parts.....	1,490	13.872	7.692	-	-	-
	Ship and boat building and repairing.....	2,589	24.104	15.790	-	-	-
	Railroads and miscellaneous transportation equipment.....	6,981	100.000	(X)	3,807	100.000	(X)
	Professional and photographic equipment, and watches.....	6,981	100.000	(X)	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	4,522	64.776	16.666	2,936	77.121	17.241
	Professional equipment and supplies.....	1,105	15.829	12.500	871	22.879	33.333
	Photographic equipment and supplies.....	1,354	19.396	33.333	-	-	-
	Watches, clocks, and clockwork-operated devices.....	5,268	100.000	(X)	-	-	(X)
	Ordnance.....	5,268	100.000	(X)	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	5,268	100.000	3.556	-	-	-
	Miscellaneous fabricated metal products.....	15,339	100.000	(X)	12,178	100.000	(X)
	Miscellaneous manufacturing industries.....	15,339	100.000	20.833	12,178	100.000	18.368
	Operatives and kindred workers, n.e.c. (775)--	24,232	100.000	(X)	7,267	100.000	(X)
	Miscellaneous manufacturing industries.....	24,232	100.000	(X)	-	-	-
	Food and kindred products.....	903	3.726	.917	761	10.472	2.128
	Operatives and kindred workers, n.e.c. (775)--	3,729	15.389	7.042	830	11.421	20.000
	Meat products.....	4,052	16.722	11.538	1,417	19.499	2.469
	Dairy products.....	3,051	12.591	11.111	362	4.981	16.667
	Canning and preserving fruits, vegetables, and seafoods.....	1,801	7.432	6.383	698	9.605	4.348
	Grain-mill products.....	1,032	4.259	8,000	718	9.880	5.556
	Bakery products.....	4,758	19.635	11.538	796	10.954	12.500
	Confectionery and related products.....	4,906	20.246	18.182	1,685	23.187	22.222
	Beverage industries.....	-	-	-	-	-	-
	Miscellaneous food preparations and kindred products.....	-	-	-	-	-	-

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
692--	Tobacco manufactures.....	5,802	100.000	(X)	5,373	100.000	(X)
Con.	Operatives and kindred workers, n.e.c. (775)--						
	Tobacco manufactures.....	5,802	100.000	38.095	5,373	100.000	21.212
	Apparel and other fabricated textile products.....	4,990	100.000	(X)	11,166	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Apparel and accessories.....	697	13.968	.694	-	-	-
	Miscellaneous fabricated textile products.....	4,293	86.032	26.666	11,166	100.000	43.750
	Paper and allied products.....	48,749	100.000	(X)	19,720	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Pulp, paper, and paperboard mills.....	24,311	49.870	24.410	3,285	16,658	31.818
	Paperboard containers and boxes.....	14,898	30.561	32.052	7,047	35,735	31.111
	Miscellaneous paper and pulp products.....	9,540	19.570	33.334	9,388	47,606	47.826
	Printing, publishing, and allied industries.....	9,116	100.000	(X)	10,019	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Newspaper publishing and printing.....	749	8.216	8.333	-	-	-
	Printing, publishing, & allied industries, exc.newspapers	8,367	91.784	16.418	10,019	100.000	28.571
	Chemicals and allied products.....	52,288	100.000	(X)	4,275	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Synthetic fibers.....	3,236	6.189	21.053	-	-	-
	Drugs and medicines.....	4,025	7.698	36.843	1,619	37,871	25.000
	Paints, varnishes, and related products.....	1,976	3.779	12,500	245	5,731	16.667
	Miscellaneous chemicals and allied products.....	43,051	82.334	35.088	2,411	56,398	18.750
	Petroleum and coal products.....	2,114	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Petroleum refining.....	2,114	100.000	4.839	-	-	-
	Rubber and miscellaneous plastic products.....	22,261	100.000	(X)	12,207	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Rubber products.....	12,797	57.486	15.152	3,329	27,271	12.903
	Miscellaneous plastic products.....	9,464	42.514	29.545	8,878	72,729	44.000
	Leather and leather products.....	2,588	100.000	(X)	3,250	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Leather: tanned, curried, and finished.....	1,358	52.473	8.696	-	-	-
	Leather products, except footwear.....	1,230	47.527	8.334	3,250	100.000	20.000
	Not specified manufacturing industries.....	1,552	100.000	(X)	2,437	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Not specified manufacturing industries.....	1,552	100.000	25.000	2,437	100.000	57.142
	Construction.....	927	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Construction.....	927	100.000	.917	-	-	-
	Transportation, communications, and other public utilities...	3,087	100.000	(X)	1,403	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Communications, and utilities and sanitary services.....	3,087	100.000	6.349	1,403	100.000	100.000
	Wholesale and retail trade.....	11,398	100.000	(X)	6,922	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Wholesale and retail trade.....	11,398	100.000	7.143	6,922	100.000	11.428
	Business and repair services.....	2,038	100.000	(X)	901	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Business and repair services.....	2,038	100.000	3.225	901	100.000	10.000
	Public administration.....	6,561	100.000	(X)	1,144	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Public administration.....	6,561	100.000	16.000	1,144	100.000	25.000
	All other industries.....	5,009	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	All other industries (including not reported).....	5,009	100.000	8.000	-	-	-
694	Miscellaneous operatives.....	552,534	(X)	(X)	246,644	(X)	(X)
	Lumber and wood products, except furniture.....	22,142	100.000	(X)	2,231	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and mill work.....	17,448	78.800	17.391	1,239	55,536	33.333
	Miscellaneous wood products.....	4,694	21.200	15.386	992	44,464	12,500
	Furniture and fixtures.....	14,689	100.000	(X)	3,880	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Furniture and fixtures.....	14,689	100.000	16.176	3,880	100.000	23.333
	Stone, clay, and glass products.....	22,964	100.000	(X)	5,068	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Glass and glass products.....	8,954	38.991	19.403	1,366	26,953	16,000
	Cement and concrete, gypsum, and plaster products.....	3,873	16.866	11.111	-	-	-
	Structural clay products.....	2,282	9.837	12,500	843	16,634	33.333
	Pottery and related products.....	3,068	13.360	23,809	2,859	56,413	33.333
	Miscellaneous nonmetallic mineral and stone products.....	4,787	20.846	15.217	-	-	-
	Blast furnaces, steel works, and rolling and finishing mills.	31,766	100.000	(X)	839	100.000	(X)
	Rollers and roll hands, metal (513)....	2,754	8.670	9,091	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Blast furnaces, steel works, & rolling & finishing mills.	27,702	87.206	28.037	839	100.000	50,000
	Laborers, n.e.c. (985)....						
	Blast furnaces, steel works, & rolling & finishing mills.	1,310	4.124	1.105	-	-	-

- Represents zero. X Not applicable

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
694--	Other primary metal industries.....	26,948	100.000	(X)	808	100.000	(X)
Con.	Operatives and kindred workers, n.e.c. (775)--						
	Other primary iron and steel industries.....	13,089	48.571	20.930	-	-	-
	Primary nonferrous industries.....	12,083	44.838	15.966	808	100.000	8.696
	Laborers, n.e.c. (985)--						
	Primary nonferrous industries.....	1,776	6.590	7.143	-	-	-
	Fabricated metal industries, including not specified metal.....	31,407	100.000	(X)	4,574	100.000	(X)
	Rollers and roll hands, metal (513).....	1,378	4.388	4.545	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Cutlery, hand tools, and other hardware.....	2,879	9.167	13.793	907	19.829	7.143
	Fabricated structural metal products.....	13,314	42.392	21.622	-	-	-
	Miscellaneous fabricated metal products.....	13,836	44.054	9.333	3,667	80.171	9.091
	Machinery, except electrical.....	24,791	100.000	(X)	667	100.000	(X)
	Rollers and roll hands, metal (513).....	690	2.783	2.273	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Farm machinery and equipment.....	1,948	7.858	8.511	-	-	-
	Office, computing, and accounting machines.....	3,242	13.077	19.232	667	100.000	7.692
	Miscellaneous machinery.....	18,383	74.152	8.902	-	-	-
	Laborers, n.e.c. (985)--						
	Miscellaneous machinery.....	528	2.130	1.493	-	-	-
	Electrical machinery, equipment, and supplies.....	15,810	100.000	(X)	24,791	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Electrical machinery, equipment, and supplies.....	15,810	100.000	9.910	24,791	100.000	16.204
	Motor vehicles and motor vehicle equipment.....	12,501	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Motor vehicles and motor vehicle equipment.....	11,863	94.896	7.662	-	-	-
	Laborers, n.e.c. (985)--						
	Motor vehicles and motor vehicle equipment.....	638	5.104	1.818	-	-	-
	Other transportation equipment.....	27,200	100.000	(X)	1,640	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Aircraft and parts.....	15,818	58.154	23.750	-	-	-
	Ship and boat building and repairing.....	8,201	30.151	42.308	944	57.561	100.000
	Railroad and miscellaneous transportation equipment.....	2,579	9.482	15.790	696	42.439	50.000
	Laborers, n.e.c. (985)--						
	Railroad and miscellaneous transportation equipment.....	602	2.213	11.111	-	-	-
	Professional and photographic equipment, and watches.....	5,248	100.000	(X)	5,725	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Professional equipment and supplies.....	3,887	74.066	14.286	2,955	51.616	17.241
	Watches, clocks, and clockwork-operated devices.....	1,361	25.934	33.333	2,770	48.384	50.000
	Ordnance.....	2,637	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous fabricated metal products.....	2,637	100.000	1.778	-	-	-
	Miscellaneous manufacturing industries.....	19,169	100.000	(X)	28,414	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous manufacturing industries.....	19,169	100.000	26.042	28,414	100.000	42.859
	Food and kindred products.....	47,990	100.000	(X)	42,715	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Meat products.....	6,308	13.144	6.422	10,676	24.994	29.787
	Dairy products.....	6,710	13.982	12,676	830	1.943	20.000
	Canning and preserving fruits, vegetables, and seafoods.....	6,078	12.665	17,308	17,698	41.433	30.864
	Grain-mill products.....	1,017	2.119	3,704	362	.847	16.667
	Bakery products.....	11,981	24.966	42,553	9,091	.21,283	56.522
	Confectionery and related products.....	1,545	3.219	12,000	3,574	8.367	27.777
	Beverage industries.....	7,934	16.533	19,231	-	-	-
	Miscellaneous food preparations and kindred products.....	5,731	11.942	21,212	-	-	-
	Laborers, n.e.c. (985)--Meat products.....	686	1.429	2,564	484	1.133	16.667
	Tobacco manufactures.....	4,348	100.000	(X)	9,218	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Tobacco manufactures.....	4,348	100.000	28.571	9,218	100.000	36.364
	Apparel and other fabricated textile products.....	12,311	100.000	(X)	39,823	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Apparel and accessories.....	9,085	73.796	9.028	36,626	91.972	12.441
	Miscellaneous fabricated textile products.....	3,226	26.204	20,000	3,197	8.028	12.500
	Paper and allied products.....	20,004	100.000	(X)	7,866	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Pulp, paper, and paperboard mills.....	10,192	50.950	10,236	933	11.861	9.091
	Paperboard containers and boxes.....	5,360	26.795	11,538	3,518	44.724	15.556
	Miscellaneous paper and pulp products.....	4,452	22.256	15,556	3,415	43.415	17.391
	Printing, publishing, and allied industries.....	19,736	100.000	(X)	11,721	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Newspaper publishing and printing.....	3,763	19.067	41.667	1,149	9.803	50.000
	Printing, publishing, & allied industries, exc. newspapers.	15,973	80.933	31.343	10,572	90.197	30.159

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding.)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
694-- Con.	Chemicals and allied products.....	12,567	100.000	(X)	2,684	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Synthetic fibers.....	806	6.414	5.263	-	-	-
	Drugs and medicines.....	1,725	13.726	15.789	-	-	-
	Paints, varnishes, and related products.....	-	-	-	245	9.128	16.667
	Miscellaneous chemicals and allied products.....	10,036	79.860	8.187	2,439	90.872	18.750
	Petroleum and coal products.....	10,494	100.000	(X)	228	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Petroleum refining.....	9,150	87.193	20.968	120	52.632	25.000
	Miscellaneous petroleum and coal products.....	1,344	12.807	25.000	108	47.368	33.333
	Rubber and miscellaneous plastic products.....	12,764	100.000	(X)	8,267	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Rubber products.....	7,676	60.138	9.091	6,654	80.489	25.806
	Miscellaneous plastic products.....	5,088	39.862	15.909	1,613	19.511	8.000
	Leather and leather products.....	7,750	100.000	(X)	11,095	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Leather: tanned, curried, and finished.....	4,072	52.542	26.087	2,497	22.506	100.000
	Footwear, except rubber.....	-	-	-	786	7.084	1.042
	Leather products, except footwear.....	3,678	47.458	25.000	7,812	70.410	48.000
	Not specified manufacturing industries.....	1,552	100.000	(X)	613	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Not specified manufacturing industries.....	1,552	100.000	25.000	613	100.000	14.286
	Construction.....	11,149	100.000	(X)	574	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Construction.....	11,149	100.000	11.010	139	24.216	12.500
	Service workers, except private household, n.e.c. (890)....	-	-	-	435	75.784	.526
	Transportation, communications, and other public utilities....	52,108	100.000	(X)	242	100.000	(X)
	Linemen and servicemen, telegraph, telephone, & power (453)....	6,266	12.025	2.299	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Railroads and railway express service.....	21,284	40.846	38.096	242	100.000	50.000
	Transportation, except railroad.....	15,837	30.393	47.727	-	-	-
	Communications, and utilities and sanitary services.....	6,951	13.340	14.286	-	-	-
	Laborers, n.e.c. (985)--						
	Railroads and railway express service.....	1,770	3.397	1.327	-	-	-
	Wholesale and retail trade.....	33,693	100.000	(X)	20,781	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Wholesale and retail trade.....	31,565	93.684	19.781	20,781	100.000	34.286
	Laborers, n.e.c. (985)--Wholesale and retail trade.....	2,128	6.316	.602	-	-	-
	Business and repair services.....	34,038	100.000	(X)	2,685	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Business and repair services.....	34,038	100.000	53.764	2,685	100.000	30.000
All other industries.....		14,758	100.000	(X)	9,495	100.000	(X)
	Collectors, bill and account (313).....	657	4.452	2.632	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Personal services.....	849	5.753	11.111	3,033	31.943	40.000
	All other industries (including not reported).....	11,720	79.415	18.667	6,462	68.057	23.530
	Attendants, professional & personal services, n.e.c. (812)....	1,532	10.381	6.897	-	-	-
	Not specified operatives.....	298,468	(X)	(X)	73,247	(X)	(X)
	Lumber and wood products, except furniture.....	27,060	100.000	(X)	1,616	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and mill work.....	24,712	91.323	24.637	624	38.614	16.667
	Miscellaneous wood products.....	2,348	8.677	7.692	992	61.386	12.500
	Furniture and fixtures.....	2,667	100.000	(X)	550	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Furniture and fixtures.....	2,667	100.000	2.941	550	100.000	3.333
Stone, clay, and glass products.....		11,390	100.000	(X)	1,600	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Glass and glass products.....	3,445	30.246	7.463	343	21.438	4.000
	Cement and concrete, gypsum, and plaster products.....	2,317	20.342	6.667	-	-	-
	Structural clay products.....	2,282	20.035	12.500	-	-	-
	Pottery and related products.....	609	5.347	4.762	572	35.750	6.667
	Miscellaneous nonmetallic mineral and stone products.....	2,737	24.030	8.696	685	42.813	11.111
	Blast furnaces, steel works, and rolling and finishing mills..	13,846	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Blast furnaces, steel works, & rolling & finishing mills..	13,846	100.000	14.019	-	-	-
Other primary metal industries.....		6,086	100.000	(X)	403	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Other primary iron and steel industries.....	2,907	47.765	4.651	-	-	-
	Primary nonferrous industries.....	3,179	52.235	4.202	403	100.000	4.348

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
695-- Con.	Fabricated metal industries, including not specified metal....	14,048	100.000	(X)	1,088	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Cutlery, hand tools, and other hardware.....	1,437	10.229	6.897	-	-	-
	Fabricated structural metal products.....	4,162	29.627	6.757	-	-	-
	Miscellaneous fabricated metal products.....	7,245	51.573	4.889	731	67.188	1.818
	Not specified metal industries.....	1,204	8.571	100.000	357	32.813	100.000
	Machinery, except electrical.....	19,306	100.000	(X)	1,021	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Farm machinery and equipment.....	1,465	7.588	6.383	343	33.595	33.333
	Office, computing, and accounting machines.....	1,297	6.718	7.692	-	-	-
	Miscellaneous machinery.....	16,544	85.694	8.012	678	66.405	2.778
	Electrical machinery, equipment, and supplies.....	20,127	100.000	(X)	12,038	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Electrical machinery, equipment, and supplies.....	20,127	100.000	12.613	12,038	100.000	7.870
	Motor vehicles and motor vehicle equipment.....	7,493	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Motor vehicles and motor vehicle equipment.....	7,493	100.000	4.839	-	-	-
	Other transportation equipment.....	8,092	100.000	(X)	1,478	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Aircraft and parts.....	4,998	61.765	7.500	1,478	100.000	13.333
	Ship and boat building and repairing.....	2,231	27.570	11.538	-	-	-
	Railroad and miscellaneous transportation equipment.....	863	10.665	5.263	-	-	-
	Professional and photographic equipment, and watches.....	3,661	100.000	(X)	2,647	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Professional equipment and supplies.....	2,591	70.773	9.524	1,773	66.981	10.345
	Photographic equipment and supplies.....	1,070	29.227	12.500	874	33.019	33.333
	Ordnance.....	1,317	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous fabricated metal products.....	1,317	100.000	.889	-	-	-
	Miscellaneous manufacturing industries.....	8,439	100.000	(X)	4,737	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous manufacturing industries.....	8,439	100.000	11.458	4,737	100.000	7.143
	Food and kindred products.....	32,123	100.000	(X)	8,696	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Meat products.....	9,917	30.872	10.092	1,524	17.525	4.255
	Dairy products.....	6,710	20.888	12.676	-	-	-
	Canning and preserving fruits, vegetables, and seafoods.....	1,349	4.199	3.846	3,540	40.708	6.173
	Grain-mill products.....	5,083	15.824	18.519	-	-	-
	Bakery products.....	2,996	9.327	10.638	2,792	32.107	17.391
	Confectionery and related products.....	514	1.600	4.000	-	-	-
	Beverage industries.....	5,554	17.290	13.462	-	-	-
	Miscellaneous food preparations and kindred products.....	-	-	-	840	9.660	11.111
	Tobacco manufactures.....	1,448	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Tobacco manufactures.....	1,448	100.000	9.524	-	-	-
	Apparel and other fabricated textile products.....	2,793	100.000	(X)	21,536	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Apparel and accessories.....	2,793	100.000	2.778	20,735	96.281	7.042
	Miscellaneous fabricated textile products.....	-	-	-	801	3.719	3.125
	Paper and allied products.....	17,771	100.000	(X)	2,942	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Pulp, paper, and paperboard mills.....	14,118	79.444	14.173	933	31.713	9.091
	Paperboard containers and boxes.....	2,382	13.404	5.128	2,009	66.287	8.889
	Miscellaneous paper and pulp products.....	1,271	7.152	4.444	-	-	-
	Printing, publishing, and allied industries.....	5,312	100.000	(X)	2,803	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Newspaper publishing and printing.....	749	14.100	8.333	575	20.514	25.000
	Printing, publishing, & allied industries, exc. newspapers	4,563	85.900	8.955	2,228	79.486	6.349
	Chemicals and allied products.....	30,129	100.000	(X)	4,506	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Synthetic fibers.....	4,063	13.485	26.316	988	21.926	12.500
	Drugs and medicines.....	1,149	3.814	10.526	1,079	23.946	16.667
	Paints, varnishes, and related products.....	1,976	6.558	12.500	-	-	-
	Miscellaneous chemicals and allied products.....	22,941	76.143	18.713	2,439	54.128	18.750
	Petroleum and coal products.....	7,737	100.000	(X)	97	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Petroleum refining.....	7,737	100.000	17.742	97	100.000	20.000
	Rubber and miscellaneous plastic products.....	10,713	100.000	(X)	805	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Rubber products.....	8,532	79.642	10.101	-	-	-
	Miscellaneous plastic products.....	2,181	20.358	6.818	805	100.000	4.000

-- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
695--Con.	Leather and leather products.....	3,138	100.000	(X)	1,943	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Leather: tanned, curried, and finished.....	675	21.511	4.348	-	-	-
	Leather products, except footwear.....	2,463	78.489	16.667	1,943	100.000	12.000
	Not specified manufacturing industries.....	3,076	100.000	(X)	613	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Not specified manufacturing industries.....	3,076	100.000	50.000	613	100.000	14.286
	Construction.....	10,228	100.000	(X)	139	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Construction.....	10,228	100.000	10.092	139	100.000	12.500
	Transportation, communications, and other public utilities.....	9,161	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Railroads and railway express service.....	5,322	58.094	9.524	-	-	-
	Transportation, except railroad.....	752	8.209	2.273	-	-	-
	Communications, and utilities and sanitary services.....	3,087	33.697	6.349	-	-	-
	Wholesale and retail trade.....	11,398	100.000	(X)	864	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Wholesale and retail trade.....	11,398	100.000	7.143	864	100.000	1.429
	Public administration.....	6,561	100.000	(X)	1,127	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Public administration.....	6,561	100.000	16.000	1,127	100.000	25.000
	All other industries.....	3,348	100.000	(X)	-	-	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Personal services.....	849	25.358	11.111	-	-	-
	All other industries (including not reported).....	2,499	74.642	4.000	-	-	-
701	Boatmen and canalmen.....	5,237	100.000	(X)	107	100.000	(X)
703	Boatmen, canalmen, and lockkeepers (635).....	5,237	100.000	72.727	107	100.000	100.000
704	Bus drivers.....	166,273	100.000	(X)	18,632	100.000	(X)
	Bus drivers (641).....	166,273	100.000	100.000	18,632	100.000	100.000
705	Conductors and motormen, urban rail transit.....	11,674	100.000	(X)	189	100.000	(X)
	Conductors, bus and street railway (645).....	4,239	36.311	100.000	93	49.206	100.000
	Motormen, street, subway, and elevated railway (691).....	7,435	63.689	100.000	96	50.794	100.000
	Deliverymen and routemen.....	447,135	100.000	(X)	15,023	100.000	(X)
	Collectors, bill and account (313).....	1,314	.294	5.263	-	-	
	Clerical and kindred workers, n.e.c. (370).....	-	-	-	681	4.533	.038
	Mechanics and repairmen, n.e.c. (480).....	1,457	.326	.120	-	-	-
	Deliverymen and routemen (650).....	419,186	93.749	98.295	11,545	76.849	100.000
	Truck and tractor drivers (715).....	25,178	5.631	1.522	2,797	18.618	33.333
706	Fork lift and tow motor operatives.....	117,328	100.000	(X)	500	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and mill work.....	8,721	7.433	8.696	-	-	-
	Miscellaneous wood products.....	2,348	2.001	7.692	-	-	-
	Furniture and fixtures.....	664	.566	.735	-	-	-
	Glass and glass products.....	2,069	1.763	4.478	-	-	-
	Cement and concrete, gypsum, and plaster products.....	2,317	1.975	6.667	-	-	-
	Structural clay products.....	760	.648	4.167	-	-	-
	Miscellaneous nonmetallic mineral and stone products.....	686	.585	2.174	-	-	-
	Blast furnaces, steel works, and rolling and finishing mills.....	1,843	1.571	1.869	-	-	-
	Other primary iron and steel industries.....	1,453	1.238	2.326	-	-	-
	Primary nonferrous industries.....	4,448	3.791	5.882	-	-	-
	Cutlery, hand tools, and other hardware.....	719	.613	3.448	-	-	-
	Fabricated structural metal products.....	832	.709	1.351	-	-	-
	Miscellaneous fabricated metal products.....	6,592	5.618	4.448	-	-	-
	Farm machinery and equipment.....	976	.832	4.255	-	-	-
	Miscellaneous machinery.....	3,677	3.134	1.780	-	-	-
	Electrical machinery, equipment, and supplies.....	2,155	1.837	1.351	-	-	-
	Motor vehicles and motor vehicle equipment.....	6,861	5.848	4.435	-	-	-
	Aircraft and parts.....	2,499	2.130	3.750	-	-	-
	Ship and boat building and repairing.....	1,490	1.270	7.692	-	-	-
	Railroad and miscellaneous transportation equipment.....	863	.736	5.263	-	-	-
	Meat products.....	1,801	1.535	1.835	-	-	-
	Dairy products.....	745	.635	1.408	-	-	-
	Canning and preserving fruits, vegetables, and seafoods.....	5,397	4.600	15.385	-	-	-
	Grain-mill products.....	1,017	.867	3.704	-	-	-
	Confectionery and related products.....	514	.438	4.000	-	-	-
	Beverage industries.....	1,586	1.352	3.846	-	-	-
	Dyeing and finishing textiles, except wool and knit goods.....	656	.559	3.333	-	-	-
	Floor coverings, except hard surface.....	827	.705	11.765	-	-	-
	Yarn, thread, and fabric mills.....	1,105	.942	.800	-	-	-
	Pulp, paper, and paperboard mills.....	3,139	2.675	3.150	-	-	-
	Paperboard containers and boxes.....	2,983	2.542	6.411	500	100.000	2.222
	Miscellaneous paper and pulp products.....	636	.542	2.222	-	-	-
	Printing, publishing, and allied industries, exc. news-papers.....	1,522	1.297	2.985	-	-	-
	Synthetic fibers.....	806	.687	5.263	-	-	-

* Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

Year	Occupation Category	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
1970 66de	1970 occupation categories with a listing of 1960 component categories and codes						
706-- Cont.							
	Paints, varnishes, and related products.....	984	.839	6.250	-	-	-
	Miscellaneous chemicals and allied products.....	1,429	1.218	1.170	-	-	-
	Petroleum refining.....	704	.600	1.613	-	-	-
	Miscellaneous petroleum and coal products.....	675	.575	12.500	-	-	-
	Rubber products.....	851	.725	1.010	-	-	-
	Miscellaneous plastic products.....	727	.620	2.273	-	-	-
	Construction.....	927	.790	.917	-	-	-
	Railroads and railway express service.....	1,772	1.510	3.175	-	-	-
	Communications, and utilities and sanitary services.....	4,632	3.948	9.524	-	-	-
	Wholesale and retail trade.....	18,411	15.692	11.539	-	-	-
	Public administration.....	11,509	9.809	28.000	-	-	-
710	Motormen; mine, factory, logging camp, etc.....	14,480	100.000	(x)	78	100.000	(x)
	Motormen, mine, factory, logging camp, etc. (690).....	14,480	100.000	100.000	78	100.000	100.000
711	Parking attendants.....	31,510	100.000	(x)	-	-	-
	Attendants, auto service and parking (632).....	30,795	97.731	8.318	-	-	-
	Garage laborers, and car washers and greasers (963).....	715	2.269	.794	-	-	-
712	Railroad brakemen.....	65,004	100.000	(x)	139	100.000	(x)
	Brakemen, railroad (640).....	65,004	100.000	100.000	139	100.000	100.000
713	Railroad switchmen.....	59,298	100.000	(x)	237	100.000	(x)
	Switchmen, railroad (713).....	59,298	100.000	100.000	237	100.000	100.000
714	Taxicab drivers and chauffeurs.....	166,248	100.000	(x)	4,584	100.000	(x)
	Taxicab drivers and chauffeurs (714).....	166,248	100.000	100.000	4,584	100.000	100.000
715	Truck drivers.....	1,549,794	100.000	(x)	-	-	-
	Mail carriers (823).....	3,231	.208	1.634	-	-	-
	Mine operatives and laborers, n.e.c. (685)--	757	.049	.541	-	-	-
	Coal mining.....	1,545,215	99.705	93.406	-	-	-
	Truck and tractor drivers (715).....	591	.038	.442	-	-	-
	Laborers, n.e.c. (985)--	18,390	100.000	(x)	7,950	100.000	(x)
740	Railroads and railway express service.....	-	-	-	1,496	18.818	1.258
	Animal caretakers, except farm.....	45	.245	.030	-	-	-
	Farmers (owners and tenants) (200).....	572	3.110	5.263	-	-	-
	Managers, officials, and proprietors, n.e.c.(290)--Salaried--	713	3.877	.585	-	-	-
	All other industries (including not reported).....	752	4.089	2.273	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	3,281	17.841	8.000	-	-	-
	Drugs and medicines.....	8,352	45.416	13.334	6,454	81.182	23.530
	Miscellaneous chemicals and allied products.....	572	3.110	5.263	-	-	-
	Transportation, except railroad.....	713	3.877	.585	-	-	-
	Public administration.....	752	4.089	2.273	-	-	-
	All other industries (including not reported).....	3,281	17.841	8.000	-	-	-
	Laborers, n.e.c. (985)--	8,352	45.416	13.334	6,454	81.182	23.530
	Meat products.....	686	3.730	2.564	-	-	-
	Transportation, except railroad.....	718	3.904	.806	-	-	-
	Wholesale and retail trade.....	711	3.866	.201	-	-	-
	All other industries (including not reported).....	2,560	13.921	1.869	-	-	-
750	Laborers, n.e.c. (985)--	45,555	100.000	(x)	385	100.000	(x)
	Carpenters' helpers.....	927	2.035	.917	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	44,628	97.965	100.000	385	100.000	100.000
	Construction.....	796,600	100.000	(x)	5,644	100.000	(x)
751	Carpenters' helpers, except logging and mining (960).....	756	.095	.861	-	-	-
	Construction laborers, except carpenters' helpers.....	4,652	.584	4.588	-	-	-
	Mine operatives and laborers, n.e.c. (685)--	1,848	.232	1.935	-	-	-
	Mining and quarrying, except fuel.....	597	.075	3.571	-	-	-
	Operatives and kindred workers, n.e.c. (775)--	668	.084	2.381	-	-	-
	Construction.....	3,929	.493	3.315	-	-	-
	Laborers, n.e.c. (985)--	594	.075	2.380	-	-	-
	Sawmills, planing mills, and mill work.....	952	.120	25.000	213	3.774	25.000
	Furniture and fixtures.....	688	.086	2.083	-	-	-
	Cement and concrete, gypsum, and plaster products.....	528	.066	1.493	-	-	-
	Blast furnaces, steel works, & rolling & finishing mills.....	638	.080	1.818	-	-	-
	Primary nonferrous industries.....	2,446	.307	17.391	-	-	-
	Cutlery, hand tools, and other hardware.....	531	.067	2.128	-	-	-
	Miscellaneous fabricated metal products.....	547	.069	8.333	-	-	-
	Miscellaneous machinery.....	782	.098	3.226	-	-	-
	Motor vehicles and motor vehicle equipment.....	1,189	.149	14.286	-	-	-
	Ship and boat building and repairing.....	597	.075	25.000	39	.691	25.000
	Yarn, thread, and fabric mills.....	2,040	.256	5.172	-	-	-
	Apparel and other fabricated textile products.....	704	.088	5.000	-	-	-
	Pulp, paper, and paperboard mills.....	725,944	91.130	97.292	4,940	87.527	100.000
	Paperboard containers and boxes.....	1,770	.222	1.327	-	-	-
	Synthetic fibers.....	2,161	.271	2.419	-	-	-
	Miscellaneous chemicals and allied products.....	18,366	2.306	15.054	180	3.189	15.000
	Petroleum refining.....	5,680	.713	1.606	-	-	-
	Construction.....	4,779	.600	20.833	272	4.819	25.000
	Railroads and railway express service.....	8,100	1.017	10.870	-	-	-
	Transportation, except railroad.....	5,114	.642	3.738	-	-	-
	Communications, and utilities and sanitary services.....	11,111	-	-	-	-	-
	Wholesale and retail trade.....	-	-	-	-	-	-
	Business and repair services.....	-	-	-	-	-	-
	Public administration.....	-	-	-	-	-	-
	All other industries (including not reported).....	-	-	-	-	-	-

Represents zero X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
752	Fishermen and oystermen.....	40,242	100.000	(x)	520	100.000	(x)
	Operatives and kindred workers, n.e.c. (775)--						
	All other industries (including not reported).....	2,499	.6.210	4.000	-	-	-
	Fishermen and oystermen (962).....	37,743	93.790	93.243	520	100.000	100.000
753	Freight and material handlers.....	460,913	100.000	(x)	23,229	100.000	(x)
	Baggagemen, transportation (304).....	4,964	1.077	90.000	195	.839	100.000
	Deliverymen and routemen (650).....	7,271	1.578	1.705	-	-	-
	Mine operatives and laborers, n.e.c. (685)--						
	Coal mining.....	27,988	6.072	20.022	-	-	-
	Mining and quarrying, except fuel.....	3,782	.821	4.304	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Sawmills, planing mills, and mill work.....	2,907	.631	2.899	-	-	-
	Miscellaneous wood products.....	585	.127	1.923	-	-	-
	Furniture and fixtures.....	-	-	-	550	2.368	3.333
	Structural clay products.....	-	-	-	838	3.608	33.333
	Blast furnaces, steel works, & rolling & finishing mills.....	925	.201	.935	-	-	-
	Other primary iron and steel industries.....	726	.158	1.163	-	-	-
	Primary nonferrous industries.....	-	-	-	403	1.735	4.348
	Miscellaneous fabricated metal products.....	657	.143	.444	-	-	-
	Electrical machinery, equipment, and supplies.....	-	-	-	1,414	6.087	.926
	Motor vehicles and motor vehicle equipment.....	-	-	-	712	3.065	3.704
	Miscellaneous manufacturing industries.....	-	-	-	677	2.914	1.020
	Dairy products.....	745	.162	1.408	-	-	-
	Canning and preserving fruits, vegetables, and seafoods.....	-	-	-	707	3.044	1.235
	Confectionery and related products.....	514	.112	4.000	-	-	-
	Beverage industries.....	794	.172	1.923	-	-	-
	Tobacco manufactures.....	-	-	-	1,532	6.595	6.061
	Pulp, paper, and paperboard mills.....	1,568	.340	1.575	-	-	-
	Paperboard containers and boxes.....	1,190	.258	2.564	500	2.152	2.222
	Miscellaneous paper and pulp products.....	636	.138	2.222	853	3.672	4.348
	Newspaper publishing and printing.....	749	.163	8.333	-	-	-
	Printing, publishing, & allied industries, exc. newspapers.....	1,522	.330	2.985	1,115	4.800	3.175
	Miscellaneous chemical and allied products.....	713	.155	.585	-	-	-
	Rubber products.....	851	.185	1.010	-	-	-
	Miscellaneous plastic products.....	727	.158	2.273	-	-	-
	Railroads and railway express service.....	3,545	.769	6.349	-	-	-
	Wholesale and retail trade.....	-	-	-	864	3.719	1.429
	All other industries (including not reported).....	5,009	1.087	8.000	-	-	-
	Lumbermen, raftsmen, and woodchoppers (970).....	6,916	1.501	5.114	-	-	-
	Laborers, n.e.c. (985)--						
	Sawmills, planing mills, and mill work.....	48,055	10.426	50.323	1,786	7.689	100.000
	Miscellaneous wood products.....	1,951	.423	16.667	-	-	-
	Furniture and fixtures.....	4,188	.909	25.000	-	-	-
	Glass and glass products.....	6,087	1.321	46.667	-	-	-
	Cement and concrete, gypsum, and plaster products.....	6,025	1.307	21.429	-	-	-
	Structural clay products.....	12,465	2.704	50.000	377	1.623	50.000
	Pottery and related products.....	453	.098	11.765	-	-	-
	Miscellaneous nonmetallic mineral and stone products.....	851	.185	8.333	-	-	-
	Blast furnaces, steel works, & rolling & finishing mills.....	5,894	1.279	4.972	-	-	-
	Other primary iron and steel industries.....	2,918	.633	7.018	-	-	-
	Primary nonferrous industries.....	1,183	.257	4.762	632	2.721	100.000
	Cutlery, hand tools, and other hardware.....	952	.207	25.000	213	.917	25.000
	Fabricated structural metal products.....	1,663	.361	8.333	-	-	-
	Miscellaneous fabricated metal products.....	8,904	1.932	27.083	-	-	-
	Office, computing, and accounting machines.....	241	.052	14.286	-	-	-
	Miscellaneous machinery.....	6,353	1.378	17.910	251	1.081	20.000
	Electrical machinery, equipment, and supplies.....	7,809	1.694	28.889	1,804	7.766	30.000
	Motor vehicles and motor vehicle equipment.....	12,780	2.773	36.364	-	-	-
	Aircraft and parts.....	2,556	.555	42.857	370	1.593	100.000
	Ship and boat building and repairing.....	611	.133	4.348	-	-	-
	Railroad and miscellaneous transportation equipment.....	602	.131	11.111	-	-	-
	Miscellaneous manufacturing industries.....	2,121	.460	22.222	539	2.320	25.000
	Meat products.....	10,970	2.380	41.026	-	-	-
	Dairy products.....	4,271	.927	25.000	143	.616	25.000
	Canning and preserving fruits, vegetables, and seafoods.....	4,377	.950	22.222	-	-	-
	Grain-mill products.....	3,827	.830	22.727	-	-	-
	Bakery products.....	3,639	.790	43.750	-	-	-
	Beverage industries.....	5,189	1.126	32.000	-	-	-
	Miscellaneous food preparations and kindred products.....	1,299	.282	8.000	-	-	-
	Not specified food industries.....	457	.099	33.333	110	.474	33.333
	Tobacco manufactures.....	2,545	.552	50.000	459	1.976	20.000
	Yarn, thread, and fabric mills.....	9,066	1.967	36.170	475	2.045	10.000
	Other textile mill products.....	1,360	.295	16.667	-	-	-
	Apparel and other fabricated textile products.....	1,099	.238	16.667	556	2.394	12.500
	Pulp, paper, and paperboard mills.....	7,053	1.530	29.032	-	-	-
	Paperboard containers and boxes.....	1,189	.258	14.286	-	-	-
	Miscellaneous paper and pulp products.....	844	.183	20.000	-	-	-
	Printing, publishing, and allied industries.....	2,215	.481	20.000	848	3.651	50.000

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
753-- Con.	Synthetic fibers.....	597	.130	25.000	39	.168	25.000
	Drugs and medicines.....	1,767	.383	100.000	252	1.085	100.000
	Paints, varnishes, and related products.....	499	.108	16.667	-	-	-
	Miscellaneous chemicals and allied products.....	4,081	.885	10.345	-	-	-
	Petroleum refining.....	1,410	.306	10.000	-	-	-
	Miscellaneous petroleum and coal products.....	703	.153	25.000	-	-	-
	Rubber and miscellaneous plastic products.....	1,572	.341	10.000	-	-	-
	Leather and leather products.....	1,195	.259	14.286	-	-	-
	Railroads and railway express service.....	25,954	5.631	19.470	-	-	-
	Transportation, except railroad.....	71,368	15.484	79.839	-	-	-
	Communications, and utilities and sanitary services.....	1,314	.285	1.075	-	-	-
	Wholesale and retail trade.....	49,712	10.786	14.056	1,113	4.791	6.061
	Business and repair services.....	953	.207	4.167	-	-	-
	Personal services.....	684	.148	.962	-	-	-
	Public administration.....	25,924	5.624	34.783	1,250	5.381	60.000
	All other industries (including not reported).....	3,834	.832	2.804	1,652	7.112	11.538
754	Garbage collectors.....	34,769	100.000	(X)	358	100.000	(X)
	Laborers, n.e.c. (985)--	34,769	100.000	28.495	358	100.000	30.000
	Communications, and utilities and sanitary services.....	254,178	100.000	(X)	3,374	100.000	(X)
755	Gardeners and groundskeepers, except farm.....	3,466	1.364	1.389	-	-	-
	Professional, technical, and kindred workers, n.e.c. (195).....	212,316	83.530	100.000	3,374	100.000	100.000
	Gardeners, except farm and groundskeepers (964).....	30,855	12.139	43.269	-	-	-
	Laborers, n.e.c. (985)--	2,427	.955	3.261	-	-	-
	Personal services.....	5,114	2.012	3.738	-	-	-
	Public administration.....	6,542	4.988	6.522	-	-	-
	All other industries (including not reported).....	119,065	90.783	88.068	1,055	100.000	100.000
	Longshoremen and stevedores.....	60,302	100.000	(X)	332	100.000	(X)
760	Longshoremen and stevedores (965).....	60,302	100.000	100.000	332	100.000	100.000
761	Lumbermen, raftsmen, and woodchoppers.....	131,153	100.000	(X)	1,055	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--	6,542	4.988	6.522	-	-	-
	Sawmills, planing mills, and mill work.....	2,793	.784	2.186	29,125	40.148	9.829
	Lumbermen, raftsmen, and woodchoppers (970).....	12,189	3.777	6.367	1,234	1.701	.411
	Laborers, n.e.c. (985)--	5,546	4.229	5.806	-	-	-
	Sawmills, planing mills, and mill work.....	1,451	.450	1.449	-	-	-
762	Stock handlers.....	322,745	100.000	(X)	72,544	100.000	(X)
	Buyers and department heads, store (250).....	2,014	.624	1.103	-	-	-
	Stock clerks and storekeepers (350).....	4,056	1.257	1.382	1,911	2.634	3.659
	Salesmen and sales clerks, n.e.c. (394)--Retail trade.....	40,960	12.691	3.270	14,337	19.763	.974
	Laundry and dry cleaning operatives (674).....	2,530	.784	2.186	29,125	40.148	9.829
	Packers and wrappers, n.e.c. (693).....	12,189	3.777	6.367	1,234	1.701	.411
	Operatives and kindred workers, n.e.c. (775)--	6,542	4.988	6.522	-	-	-
	Sawmills, planing mills, and mill work.....	1,451	.450	1.449	-	-	-
	Miscellaneous wood products.....	585	.181	1.923	-	-	-
	Fabricated structural metal products.....	832	.258	1.351	-	-	-
	Miscellaneous machinery.....	611	.189	.297	-	-	-
	Electrical machinery, equipment, and supplies.....	2,155	.668	1.351	-	-	-
	Professional equipment and supplies.....	650	.201	2.381	-	-	-
	Meat products.....	903	.280	.917	-	-	-
	Dairy products.....	745	.231	1.408	-	-	-
	Canning and preserving fruits, vegetables, and seafoods...	674	.209	1.923	-	-	-
	Apparel and accessories.....	2,793	.865	2.778	853	1.176	4.348
	Miscellaneous paper and pulp products.....	636	.197	2.222	1,115	1.537	3.175
	Printing, publishing, & allied industries, exc. newspapers	1,522	.472	2.985	245	.338	16.667
	Paints, varnishes, and related products.....	1,429	.443	1.170	-	-	-
	Miscellaneous chemicals and allied products.....	851	.264	1.010	831	1.146	3.226
	Rubber products.....	-	-	-	646	.890	4.000
	Leather products, except footwear.....	1,507	.467	4.545	-	-	-
	Transportation, except railroad.....	21,042	6.520	13.187	2,596	3.579	4.285
	Wholesale and retail trade	33,679	10.435	100.000	303	.418	100.000
	Truck drivers' helpers (972).....	33,679	10.435	100.000	303	.418	100.000
	Laborers, n.e.c. (985)--	952	.295	25.000	213	.294	25.000
	Cutlery, hand tools, and other hardware.....	832	.258	4.167	-	-	-
	Fabricated structural metal products.....	1,368	.424	4.167	-	-	-
	Miscellaneous fabricated metal products.....	2,118	.656	5.970	-	-	-
	Miscellaneous machinery.....	1,804	.559	6.667	-	-	-
	Electrical machinery, equipment, and supplies.....	1,278	.396	3.636	-	-	-
	Motor vehicles and motor vehicle equipment.....	602	.187	11.111	-	-	-
	Railroad and miscellaneous transportation equipment.....	828	.257	33.333	-	-	-
	Professional equipment and supplies.....	686	.213	2.564	-	-	-
	Meat products.....	1,599	.495	6.383	-	-	-
	Yarn, thread, and fabric mills.....						

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
780--	Other primary metal industries.....	24,145	100.000	(x)	191	100.000	(x)
Con.	Operatives and kindred workers, n.e.c. (775)--	2,181	9.033	3.488	-	-	-
	Other primary iron and steel industries.....						
	Laborers, n.e.c. (985)--	16,049	66.469	38.596	191	100.000	40.000
	Other primary iron and steel industries.....	5,915	24.498	23.810	-	-	-
	Primary nonferrous industries.....	6,582	100.000	(x)	1,598	100.000	(x)
	Fabricated metal industries, including not specified metal.....						
	Operatives and kindred workers, n.e.c. (775)--	719	10.924	3.448	-	-	-
	Cutlery, hand tools, and other hardware.....	657	9.982	.444	731	45.745	1.818
	Miscellaneous fabricated metal products.....						
	Laborers, n.e.c. (985)--	4,161	63.218	20.833	-	-	-
	Fabricated structural metal products.....	688	10.453	2.083	825	51.627	20.000
	Miscellaneous fabricated metal products.....	357	5.424	100.000	42	2.628	100.000
	Not specified metal industries.....						
	Machinery, except electrical.....	10,900	100.000	(x)	359	100.000	(x)
	Operatives and kindred workers, n.e.c. (775)--	611	5.606	.297	-	-	-
	Miscellaneous machinery.....						
	Laborers, n.e.c. (985)--	3,402	31.211	50.000	108	30.084	50.000
	Farm machinery and equipment.....	6,887	63.183	19.403	251	69.916	20.000
	Miscellaneous machinery.....	6,844	100.000	(x)	1,208	100.000	(x)
	Electrical machinery, equipment, and supplies.....						
	Operatives and kindred workers, n.e.c. (775)--	1,437	20.996	.902	-	-	-
	Electrical machinery, equipment, and supplies.....						
	Laborers, n.e.c. (985)--	5,407	79.004	20.000	1,208	100.000	20.000
	Electrical machinery, equipment, and supplies.....						
	Motor vehicles and motor vehicle equipment.....	4,452	100.000	(x)	628	100.000	(x)
	Operatives and kindred workers, n.e.c. (775)--	619	13.904	.403	-	-	-
	Motor vehicles and motor vehicle equipment.....						
	Laborers, n.e.c. (985)--	3,833	86.096	10.909	628	100.000	50.000
	Motor vehicles and motor vehicle equipment.....	2,693	100.000	(x)	-	-	(x)
	Other transportation equipment.....						
	Laborers, n.e.c. (985)--	853	31.675	14.286	-	-	-
	Aircraft and parts.....	1,840	68.325	13.043	-	-	-
	Ship and boat building and repairing.....						
	Professional and photographic equipment, and watches.....	1,318	100.000	(x)	689	100.000	(x)
	Laborers, n.e.c. (985)--						
	Professional equipment and supplies.....	828	62.822	33.333	561	81.422	100.000
	Photographic equipment and supplies.....	376	28.528	50.000	76	11.030	50.000
	Watches, clocks, and clockwork-operated devices.....	114	8.649	50.000	52	7.547	50.000
	Miscellaneous manufacturing industries.....	2,121	100.000	(x)	539	100.000	(x)
	Laborers, n.e.c. (985)--						
	Miscellaneous manufacturing industries.....	2,121	100.000	22.222	539	100.000	25.000
	Food and kindred products.....	10,870	100.000	(x)	1,161	100.000	(x)
	Kitchen workers, n.e.c., exc. private household (835).....	702	6.458	.498	-	-	-
	Laborers, n.e.c. (985)--						
	Meat products.....	2,057	18.924	7.692	-	-	-
	Dairy products.....	853	7.847	5.000	-	-	-
	Canning and preserving fruits, vegetables, and seafoods.....	1,093	10.055	5.556	789	67.959	20.000
	Bakery products.....	522	4.802	6.250	-	-	-
	Beverage industries.....	1,297	11.932	8.000	262	22.567	50.000
	Miscellaneous food preparations and kindred products.....	3,889	35.777	24.000	-	-	-
	Not specified food industries.....	457	4.204	33.333	110	9.475	33.333
	Tobacco manufactures.....	-	-	(x)	459	100.000	(x)
	Laborers, n.e.c. (985)--Tobacco manufactures.....				459	100.000	20.000
	Textile mill products.....	3,203	100.000	(x)	475	100.000	(x)
	Laborers, n.e.c. (985)--Yarn, thread, and fabric mills.....	3,203	100.000	12.766	475	100.000	10.000
	Apparel and other fabricated textile products.....	782	100.000	(x)	-	-	(x)
	Operatives and kindred workers, n.e.c. (775)--						
	Pulp, paper, and paperboard mills.....	782	100.000	.787	-	-	-
	Paper and allied products.....	2,351	100.000	(x)	-	-	(x)
	Laborers, n.e.c. (985)--						
	Pulp, paper, and paperboard mills.....	2,351	100.000	9.677	-	-	-
	Chemicals and allied products.....	6,803	100.000	(x)	-	-	(x)
	Laborers, n.e.c. (985)--						
	Miscellaneous chemicals and allied products.....	6,803	100.000	17.241	-	-	-
	Petroleum and coal products.....	704	100.000	(x)	-	-	(x)
	Laborers, n.e.c. (985)--Petroleum refining.....	704	100.000	5.000	-	-	(x)
	Rubber and miscellaneous plastic products.....	3,139	100.000	(x)	-	-	(x)
	Laborers, n.e.c. (985)--						
	Rubber and miscellaneous plastic products.....	3,139	100.000	20.000	-	-	-
	Leather and leather products.....	598	100.000	(x)	-	-	(x)
	Laborers, n.e.c. (985)--Leather and leather products.....	598	100.000	7.143	-	-	-

* Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
780--Con.	Transportation, communications, and other public utilities....	106,895	100.000	(X)	772	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Transportation, except railroad.....	5,270	4.839	15.909	-	-	-
	Communications, and utilities and sanitary services.....	9,267	8.686	19.048	-	-	-
	Laborers, n.e.c. (985)--						
	Railroads and railway express service.....	69,004	64.674	51.770	530	68.653	16.687
	Transportation, except railroad.....	2,161	2.026	2.419	-	-	-
	Communications, and utilities and sanitary services.....	20,993	19.676	17.204	242	31.347	20.000
	Wholesale and retail trade.....	9,380	100.000	(X)	1,113	100.000	(X)
	Managers, officials, & proprietors, n.e.c. (290)--Salaried--	58	.618	.090	-	-	-
	Other retail trade.....						
	Managers, officials, & props., n.e.c. (290)--Self employed--	91	.970	.080	-	-	-
	Other retail trade.....	9,231	98.412	2.610	1,113	100.000	6.061
	Laborers, n.e.c. (985)--Wholesale and retail trade.....	2,868	100.000	(X)	162	100.000	(X)
	Business and repair services.....						
	Laborers, n.e.c. (985)--	2,868	100.000	12.500	162	100.000	15.000
	Business and repair services.....	8,952	100.000	(X)	423	100.000	(X)
	Public administration.....						
	Operatives and kindred workers, n.e.c. (775)--	3,281	36.651	8.000	-	-	-
	Public administration.....	5,671	63.349	7.607	423	100.000	20.000
	Laborers, n.e.c. (985)--Public administration.....	27,128	100.000	(X)	552	100.000	(X)
	All other industries.....						
	Mine operatives and laborers, n.e.c. (685)--Coal mining.....	757	2.790	.541	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Construction.....	6,505	23.979	6.422	-	-	-
	Laborers, n.e.c. (985)--	684	2.521	.962	-	-	-
	Personal services.....	19,182	70.709	14.019	552	100.000	3.846
	All other industries (including not reported).....						
785	Not specified laborers.....	805,490	(X)	(X)	50,562	(X)	(X)
	Lumber and wood products, except furniture.....	41,696	100.000	(X)	600	100.000	(X)
	Laborers, n.e.c. (985)--						
	Sawmills, planing mills, and mill work.....	33,269	79.789	34.839	-	-	-
	Miscellaneous wood products.....	8,427	20.211	72.222	600	100.000	50.000
	Furniture and fixtures.....						
	Laborers, n.e.c. (985)--Furniture and fixtures.....	11,355	100.000	(X)	1,520	100.000	(X)
	Stone, clay, and glass products.....						
	Laborers, n.e.c. (985)--	46,132	100.000	(X)	2,492	100.000	(X)
	Glass and glass products.....						
	Cement and concrete, gypsum, and plaster products.....	5,223	11.322	40.000	961	38.563	100.000
	Structural clay products.....	19,405	42.064	69.048	183	7.343	100.000
	Pottery and related products.....	10,089	21.870	40.476	370	14.848	50.000
	Miscellaneous nonmetallic mineral and stone products.....	2,057	4.459	52.941	727	29.173	100.000
	Blast furnaces, steel works, & rolling & finishing mills.....	9,358	20.285	91.667	251	10.072	100.000
	Laborers, n.e.c. (985)--						
	Blast furnaces, steel works, & rolling & finishing mills..	62,902	100.000	(X)	500	100.000	(X)
	Other primary metal industries.....						
	Laborers, n.e.c. (985)--	37,260	100.000	(X)	282	100.000	(X)
	Other primary iron and steel industries.....						
	Laborers, n.e.c. (985)--	21,883	58.731	52.632	282	100.000	60.000
	Primary nonferrous industries.....						
	Laborers, n.e.c. (985)--	15,377	41.269	61.905	-	-	-
	Fabricated metal industries, including not specified metal.....						
	Laborers, n.e.c. (985)--	31,393	100.000	(X)	1,553	100.000	(X)
	Cutlery, hand tools, and other hardware.....						
	Fabricated structural metal products.....	955	3.042	25.000	208	13.393	25.000
	Miscellaneous fabricated metal products.....	13,326	42.449	66.667	520	33.484	100.000
	Machinery, except electrical.....						
	Laborers, n.e.c. (985)--	17,112	54.509	52.083	825	53.123	20.000
	Farm machinery and equipment.....						
	Office, computing, and accounting machines.....	23,118	100.000	(X)	990	100.000	(X)
	Miscellaneous machinery.....						
	Electrical machinery, equipment, and supplies.....						
	Laborers, n.e.c. (985)--	3,387	14.651	50.000	105	10.606	50.000
	Electrical machinery, equipment, and supplies.....	1,186	5.130	71.428	143	14.444	100.000
	Motor vehicles and motor vehicle equipment.....						
	Laborers, n.e.c. (985)--	18,545	80.219	52.238	742	74.949	60.000
	Motor vehicles and motor vehicle equipment.....						
	Laborers, n.e.c. (985)--	12,013	100.000	(X)	3,011	100.000	(X)
	Aircraft and parts.....						
	Ship and boat building and repairing.....						
	Railroad and miscellaneous transportation equipment.....						
	Laborers, n.e.c. (985)--	2,551	17.277	42.857	-	-	-
	Professional and photographic equipment, and watches.....						
	Laborers, n.e.c. (985)--	8,564	58.002	60.870	253	52.929	100.000
	Professional equipment and supplies.....						
	Photographic equipment and supplies.....						
	Watches, clocks, and clockwork-operated devices.....						
	Laborers, n.e.c. (985)--	3,650	24.721	66.667	225	47.071	100.000
	Professional equipment and supplies.....						
	Photographic equipment and supplies.....						
	Watches, clocks, and clockwork-operated devices.....						
	Laborers, n.e.c. (985)--	1,318	100.000	(X)	126	100.000	(X)
	Professional equipment and supplies.....						
	Photographic equipment and supplies.....						
	Watches, clocks, and clockwork-operated devices.....						

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
785--	Ordnance.....	2,737	100.000	(X)	825	100.000	(X)
Con.	Laborers, n.e.c. (985)--Misc. fabricated metal products....	2,737	100.000	8.333	825	100.000	20.000
	Miscellaneous manufacturing industries.....	5,287	100.000	(X)	1,069	100.000	(X)
	Laborers, n.e.c. (985)--						
	Miscellaneous manufacturing industries.....	5,287	100.000	55.556	1,069	100.000	50.000
	Food and kindred products.....	68,837	100.000	(X)	8,902	100.000	(X)
	Laborers, n.e.c. (985)--						
	Meat products.....	11,654	16.930	43.590	2,401	26.971	83.333
	Dairy products.....	5,116	7.432	30.000	165	1.854	30.000
	Canning and preserving fruits, vegetables, and seafoods..	14,220	20.657	72.222	3,145	35.329	80.000
	Grain-mill products.....	11,490	16.692	68.182	295	3.314	100.000
	Bakery products.....	3,628	5.270	43.750	1,111	12.480	100.000
	Confectionery and related products.....	2,826	4.105	100.000	559	6.279	100.000
	Beverage industries.....	9,731	14.136	60.000	246	2.763	50.000
	Miscellaneous food preparations and kindred products..	9,710	14.106	60.000	864	9.706	100.000
	Not specified food industries.....	462	.671	33.333	116	1.303	33.333
	Tobacco manufactures.....	2,536	100.000	(X)	1,360	100.000	(X)
	Laborers, n.e.c. (985)--Tobacco manufactures.....	2,536	100.000	50.000	1,360	100.000	60.000
	Textile mill products.....	8,556	100.000	(X)	1,424	100.000	(X)
	Laborers, n.e.c. (985)--						
	Yarn, thread, and fabric mills.....	5,870	68.607	23.404	1,424	100.000	30.000
	Other textile mill products.....	2,686	31.393	33.333	-	-	-
	Apparel and other fabricated textile products.....	2,195	100.000	(X)	1,659	100.000	(X)
	Laborers, n.e.c. (985)--						
	Apparel and other fabricated textile products.....	2,195	100.000	33.333	1,659	100.000	37.500
	Paper and allied products.....	23,413	100.000	(X)	2,515	100.000	(X)
	Laborers, n.e.c. (985)--						
	Pulp, paper, and paperboard mills.....	14,115	60.287	58.065	567	22.545	100.000
	Paperboard containers and boxes.....	5,927	25.315	71.429	1,079	42.903	100.000
	Miscellaneous paper and pulp products.....	3,371	14.398	80.000	869	34.553	100.000
	Printing, publishing, and allied industries.....	6,649	100.000	(X)	833	100.000	(X)
	Laborers, n.e.c. (985)--						
	Printing, publishing, and allied industries.....	6,649	100.000	60.000	833	100.000	50.000
	Chemicals and allied products.....	27,488	100.000	(X)	1,377	100.000	(X)
	Laborers, n.e.c. (985)--						
	Synthetic fibers.....	1,188	4.322	50.000	76	5.519	50.000
	Paints, varnishes, and related products.....	2,485	9.040	83.333	159	11.547	100.000
	Miscellaneous chemicals and allied products.....	23,815	86.638	60.345	1,142	82.934	100.000
	Petroleum and coal products.....	11,937	100.000	(X)	189	100.000	(X)
	Laborers, n.e.c. (985)--						
	Petroleum refining.....	9,838	82.416	70.000	133	70.370	100.000
	Miscellaneous petroleum and coal products.....	2,099	17.584	75.000	56	29.630	100.000
	Rubber and miscellaneous plastic products.....	10,923	100.000	(X)	1,175	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Miscellaneous plastic products.....	727	6.656	2.273	-	-	-
	Laborers, n.e.c. (985)--						
	Rubber and miscellaneous plastic products.....	10,196	93.344	65.000	1,175	100.000	50.000
	Leather and leather products.....	5,968	100.000	(X)	1,563	100.000	(X)
	Laborers, n.e.c. (985)--Leather and leather products.....						
	Leather and leather products.....	5,968	100.000	71.429	1,563	100.000	66.667
	Not specified manufacturing industries.....	2,206	100.000	(X)	262	100.000	(X)
	Laborers, n.e.c. (985)--						
	Not specified manufacturing industries.....	2,206	100.000	100.000	262	100.000	100.000
	Transportation, communications, and other public utilities...	81,217	100.000	(X)	2,150	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Railroads and railway express service.....	888	1.093	1.587	-	-	-
	Laborers, n.e.c. (985)--						
	Railroads and railway express service.....	28,308	34.855	21.240	.530	24.651	16.667
	Transportation, except railroad.....	9,371	11.538	10.484	1,201	55.860	100.000
	Communications, and utilities and sanitary services.....	42,650	52.514	34.945	419	19.488	35.000
	Wholesale and retail trade.....	117,136	100.000	(X)	2,786	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Wholesale and retail trade.....	3,506	2.893	2.198	-	-	-
	Laborers, n.e.c. (985)--Wholesale and retail trade.....						
	Wholesale and retail trade.....	113,630	97.007	32.129	2,786	100.000	15.151
	Business and repair services.....	11,890	100.000	(X)	532	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Business and repair services.....	1,362	11.455	2.151	-	-	-
	Laborers, n.e.c. (985)--Business and repair services.....						
	Business and repair services.....	10,528	88.545	45.833	532	100.000	50.000

~ Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
785--	Public administration.....	29,182	100.000	(X)	-	-	(X)
Con.	Operatives and kindred workers, n.e.c. (775)--	1,639	5.616	4.000	-	-	-
	Public administration.....						
	Laborers, n.e.c. (985)--Public administration.....	27,543	94.384	36.957	-	-	-
All other industries.....		90,685	100.000	(X)	9,768	100.000	(X)
Operatives and kindred workers, n.e.c. (775)--		2,499	2.756	4.000	-	-	-
All other industries (including not reported).....							
Laborers, n.e.c. (985)--		37,021	40.824	51.922	4,257	43.581	80.000
Personal services.....		51,165	56.421	37.383	5,611	56.419	38.462
All other industries (including not reported).....							
801	Farmers (owners and tenants).....	2,384,007	100.000	(X)	119,009	100.000	(X)
	Farmers (owners and tenants) (200).....	2,382,073	99.919	100.000	117,599	98.815	98.742
	Truck and tractor drivers (715).....	1,934	.081	.117	1,410	1.185	16.667
802	Farm managers.....	24,016	100.000	(X)	723	100.000	(X)
	Farm managers (222).....	24,016	100.000	100.000	723	100.000	100.000
821	Farm foremen.....	24,895	100.000	(X)	542	100.000	(X)
	Farm foremen (901).....	24,895	100.000	100.000	542	100.000	100.000
822	Farm laborers, wage workers.....	1,140,001	100.000	(X)	147,576	100.000	(X)
	Fruit, nut, & vegetable graders & packers, exc. factory(654).....	458	.040	5.586	1,132	.767	5.624
	Truck and tractor drivers (715).....	37,434	3.284	2.263	2,809	1.903	33.333
	Operatives and kindred workers, n.e.c. (775)--						
	All other industries (including not reported).....	832	.073	1.333	-	-	-
	Farm laborers, wage workers (902).....	1,100,641	96.547	100.000	143,635	97.330	100.000
	Laborers, n.e.c. (985)--						
	All other industries (including not reported).....	636	.056	.467	-	-	-
823	Farm laborers, unpaid family workers.....	158,946	100.000	(X)	126,802	100.000	(X)
	Truck and tractor drivers (715).....	-	-	-	1,410	1.112	16.667
	Farm laborers, unpaid family workers (903).....	158,946	100.000	100.000	125,392	98.888	100.000
824	Farm service laborers, self-employed.....	5,345	100.000	(X)	128	100.000	(X)
	Farm service laborers, self-employed (905).....	5,345	100.000	100.000	128	100.000	100.000
901	Chambermaids and maids, except private household.....	5,097	100.000	(X)	196,864	100.000	(X)
	Attendants, professional and personal service, n.e.c. (812).....	-	-	-	3,250	1.651	6.173
	Chambermaids and maids, except private household (823).....	3,008	59.015	100.000	176,619	89.716	100.000
	Housekeepers and stewards, except private household (832).....	612	12.007	2.041	3,458	1.757	2.837
	Service workers, except private household, n.e.c. (890).....	1,477	28.978	1.342	13,537	6.876	16.316
902	Cleaners and charwomen.....	234,327	100.000	(X)	167,668	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Wholesale and retail trade.....	6,138	2.619	3.847	-	-	-
	Business and repair services.....	7,486	3.195	11.828	-	-	-
	Personal services.....	4,257	1.817	55.556	-	-	-
	All other industries (including not reported).....	5,847	2.495	9.334	-	-	-
	Charwomen and cleaners (824).....	61,665	26.316	100.000	130,005	77.537	100.000
	Housekeepers and stewards, except private household (832).....	1,220	.521	4.082	22,463	13.397	18.440
	Porters (841).....	118,640	50.630	78.219	2,663	1.588	90.000
	Service workers, except private households, n.e.c. (890).....	17,702	7.554	16.107	8,735	5.210	10.526
	Laborers, n.e.c. (985)--						
	Miscellaneous wood products.....	-	-	-	610	.364	50.000
	Railroads and railway express service.....	-	-	-	1,573	.938	50.000
	Communications, and utilities and sanitary services.....	657	.280	.538	-	-	-
	Wholesale and retail trade.....	4,976	2.124	1.406	-	-	-
	Business and repair services.....	953	.407	4.167	-	-	-
	Personal services.....	2,059	.879	2.885	1,067	.636	20.000
	Public administration.....	808	.345	1.087	-	-	-
	All other industries (including not reported).....	1,919	.819	1.402	552	.329	3.846
903	Janitors and sextons.....	693,262	100.000	(X)	91,269	100.000	(X)
	Managers and superintendents, building (262).....	7,918	1.142	23.438	-	-	-
	Mechanics and repairmen, n.e.c. (480).....	133,462	19.251	10.978	8,888	9.738	41.667
	Janitors and sextons (834).....	540,721	77.997	100.000	80,306	87.988	100.000
	Laborers, n.e.c. (985)--						
	Blast furnaces, steel works, & rolling & finishing mills.....	651	.094	.552	-	-	-
	Printing, publishing, and allied industries.....	740	.107	6.667	-	-	-
	Petroleum refining.....	704	.102	5.000	-	-	-
	Wholesale and retail trade.....	711	.103	.201	-	-	-
	Public administration.....	3,241	.468	4.348	423	.463	20.000
	All other industries (including not reported).....	5,114	.738	3.738	1,652	1.810	11.538
910	Bartenders.....	163,832	100.000	(X)	20,456	100.000	(X)
	Bartenders (815).....	163,832	100.000	100.000	20,456	100.000	100.000
911	Busboys.....	56,057	100.000	(X)	37,571	100.000	(X)
	Service workers, except private household, n.e.c. (890).....	56,057	100.000	51.007	37,571	100.000	45.263
912	Cooks, except private household.....	217,871	100.000	(X)	385,351	100.000	(X)
	Operatives and kindred workers, n.e.c. (775)--						
	Fabricated structural metal products.....	-	-	-	881	.299	20.000
	Motor vehicles and motor vehicle equipment.....	619	.284	.403	712	.185	3.704
	Drugs and medicines.....	572	.263	5.263	-	-	-
	Cooks, except private household (825).....	215,978	99.131	100.000	381,078	98.891	100.000
	Kitchen workers, n.e.c., except private household (835).....	702	.322	.498	2,680	.695	1.370

- Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
913	Dishwashers..... Kitchen workers, n.e.c., except private household (835).....	76,447	100.000	(X)	51,588	100.000	(X)
914	Kitchen workers, n.e.c., except private household (835).....	76,447	100.000	54,229	51,588 ^a	100.000	26,370
914	Food counter and fountain workers..... Managers, officials, & proprietors, n.e.c. (290)--Salaried-- General merchandise and limited price variety stores.....	49,030	100.000	(X)	119,354	100.000	(X)
914	Other retail trade..... Counter and fountain workers (830)..... Kitchen workers, n.e.c., except private household (835).....	58	.118	.090	45	.038	.206
914	Waiters..... Housekeepers and stewards, except private household (832)..... Waiters and waitresses (875).....	48,270	98.450	100.000	119,158	99,836	100.000
915	Waiters..... Housekeepers and stewards, except private household (832)..... Waiters and waitresses (875).....	118,911	100.000	(X)	779,955	100.000	(X)
915	Waiters..... Housekeepers and stewards, except private household (832)..... Waiters and waitresses (875).....	118,911	100.000	100.000	2,593	.332	2,128
916	Food service workers, n.e.c., except private household..... Kitchen workers, n.e.c., except private household (835).....	69,836	100.000	(X)	154,950	100.000	(X)
916	Kitchen workers, n.e.c., except private household (835).....	61,722	88,381	43,780	133,990	86,473	68,493
916	Service workers, except private household, n.e.c. (890).....	8,114	11.619	7,383	20,960	13,527	25,263
921	Dental assistants..... Attendants, physician's and dentist's office (303).....	1,761	100.000	(X)	47,513	100.000	(X)
922	Health aides, except nursing..... Technicians, medical and dental (185).....	1,761	100.000	100.000	47,513	100.000	66,977
922	Attendants, physician's and dentist's office (303).....	4,382	100.000	(X)	28,715	100.000	(X)
922	Health aides, except nursing..... Technicians, medical and dental (185).....	694	15.838	1,316	6,516	22,692	7,407
922	Attendants, hospital and other institutions (810).....	693	15.815	.645	11,078	38,579	15,618
922	Attendants, professional and personal services, n.e.c. (812).....	2,293	52.328	10,345	3,751	13,063	1,247
922	Kitchen workers, n.e.c., except private household (835).....	702	16.020	.498	7,370	25,666	3,767
923	Health trainees..... Nurses, student professional (161).....	804	100.000	(X)	56,745	100.000	(X)
923	Nurses, student professional (161).....	804	100.000	100.000	56,745	100.000	100.000
924	Lay midwives..... Midwives (840).....	218	100.000	(X)	777	100.000	(X)
925	Nursing aides, orderlies, and attendants..... Technicians, medical and dental (185).....	218	100.000	100.000	777	100.000	100.000
925	Private household workers, n.e.c. (804)..... Living in.....	109,000	100.000	(X)	311,259	100.000	(X)
925	Living out..... Attendants, hospital and other institutions (810).....	2,085	1.913	3,947	5,862	1,883	6,667
926	Practical nurses..... Practical nurses (842).....	8,107	100.000	(X)	166,460	100.000	(X)
926	Practical nurses (842).....	8,107	100.000	87,500	166,460	100.000	80,226
931	Airline stewardesses..... Housekeepers and stewards, except private household (832).....	7	-	(X)	10,367	100.000	(X)
932	Attendants, recreation and amusement..... Clerical and kindred workers, n.e.c. (370).....	60,647	100.000	(X)	10,367	100.000	8,511
932	Operatives and kindred workers, n.e.c. (775)..... Public administration.....	749	1.235	.061	12,969	100.000	(X)
932	All other industries (including not reported).....	-	-	-	1,377	10,618	.077
932	Attendants, recreation and amusement (813).....	832	1.372	1,333	1,144	8,821	25,000
932	Guards, watchmen, and doormen (851).....	55,254	91.108	100.000	7,883	60,783	100.000
932	Laborers, n.e.c. (985)..... All other industries (including not reported).....	3,176	5.237	1,269	2,565	19,778	33,333
933	Attendants, personal service, n.e.c. Therapists and healers, n.e.c. (193).....	636	1.049	.467	-	-	-
933	Clerical and kindred workers, n.e.c. (370).....	37,437	100.000	(X)	46,802	100.000	(X)
933	Attendants, professional and personal service, n.e.c. (812).....	3,420	9.135	20,000	4,565	9,754	22,581
933	Housekeepers and stewards, except private household (832).....	-	-	-	681	1,455	.038
933	Service workers, except private household, n.e.c. (890).....	15,283	40.823	68,965	27,298	58,327	51,851
933	Baggage porters and bellhops.....	9,144	24.425	30,612	13,823	29,535	11,348
934	Attendants, professional and personal service, n.e.c. (812)..... Porters (841).....	9,590	25.616	8,725	435	.929	.526
934	Service workers, except private household, n.e.c. (890).....	39,919	100.000	(X)	1,162	100.000	(X)
934	Elevator operators..... Elevator operators (831).....	1,532	3.838	6,897	-	-	-
934	Porters (841).....	21,425	53.671	14,125	293	25,215	10,000
934	Service workers, except private household, n.e.c. (890).....	16,962	42.491	15,436	869	74,785	1,053
935	Barbers..... Barbers (814).....	175,216	100.000	(X)	5,600	100.000	(X)
940	Boarding and lodging house keepers..... Boarding and lodging house keepers (821).....	175,216	100.000	100.000	5,600	100.000	100.000
941	Bootblacks..... Bootblacks (820).....	3,451	100.000	(X)	26,438	100.000	(X)
942	Child care workers, except private household..... Attendants, professional and personal service, n.e.c. (812).....	1,376	100.000	100.000	26,438	100.000	100.000
943	Housekeepers and stewards, except private household (832)..... Elevator operators.....	764	55.523	3,448	20,152	55,111	38,272
943	Elevator operators (831).....	612	44.477	2,041	16,414	44,889	13,475
944	Hairdressers and cosmetologists..... Hairdressers and cosmetologists (843).....	51,677	100.000	(X)	24,873	100.000	(X)
944	Personal service apprentices..... Apprentices, other specified trades (620).....	51,677	100.000	100.000	24,873	100.000	100.000
950	Housekeepers, except private household..... Housekeepers and stewards, except private household (832).....	18,279	100.000	61,224	50,967	50,967	41,844
952	School monitors..... Attendants, professional and personal service, n.e.c. (812).....	764	100.000	(X)	1,949	100.000	(X)
953	Ushers, recreation and amusement..... Ushers, recreation and amusement (874).....	11,100	100.000	3,448	1,949	100.000	3,704
953	Ushers, recreation and amusement (874).....	11,100	100.000	100.000	4,949	100.000	(X)

* Represents zero. X Not applicable.

Table 1. DERIVATIONS OF 1970 OCCUPATION CATEGORIES FROM THE 1960 OCCUPATIONAL CLASSIFICATION SYSTEM--Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 occupation categories with a listing of 1960 component categories and codes	Male			Female		
		Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi-enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
954	Welfare service aides.....	-	-	(X)	435	100.000	(X)
	Service workers, except private household, n.e.c. (890).....	-	-	-	435	100.000	.526
960	Crossing guards and bridge tenders.....	16,969	100.000	(X)	12,360	100.000	(X)
	Boatmen, canalmen, and lockkeepers (635).....	1,970	11.609	27.273	-	-	-
	Operatives and kindred workers, n.e.c. (775)--						
	Construction.....	927	5.463	.917	-	-	-
	Guards, watchmen, and doorkeepers (851).....	-	-	-	640	5.178	8.333
	Watchmen (crossing) and bridge tenders (860).....	14,072	82.828	100.000	11,720	94.822	100.000
961	Firemen, fire protection.....	138,694	100.000	(X)	341	100.000	(X)
	Firemen, fire protection (850).....	138,694	100.000	100.000	341	100.000	100.000
962	Guards and watchmen.....	253,561	100.000	(X)	5,169	100.000	(X)
	Officials and administrators, n.e.c., public admin. (270)--						
	Federal public administration and postal service.....	625	.246	1.031	-	-	-
	Agents, n.e.c. (301).....	804	.317	.602	-	-	-
	Clerical and kindred workers, n.e.c. (370).....	-	-	-	681	13.175	.038
	Operatives and kindred workers, n.e.c. (775)--						
	Railroads and railway express service.....	3,545	1.398	6.349	-	-	-
	Transportation, except railroad.....	751	.296	2.272	-	-	-
	Guards, watchmen, and doorkeepers (851).....	247,245	97.509	98.731	4,488	86.825	58.333
	Laborers, n.e.c. (985)--						
	Railroads and railway express service.....	591	.233	.442	-	-	-
963	Marshals and constables.....	5,785	100.000	(X)	235	100.000	(X)
	Marshals and constables (852).....	5,785	100.000	100.000	235	100.000	100.000
964	Policemen and detectives.....	254,561	100.000	(X)	6,954	100.000	(X)
	Agents, n.e.c. (301).....	6,429	2.526	4.819	-	-	-
	Policemen and detectives (853)--						
	Government.....	232,322	91.264	100.000	5,538	79.638	100.000
	Private.....	15,810	6.211	100.000	1,416	20.362	100.000
965	Sheriffs and bailiffs.....	23,059	100.000	(X)	1,214	100.000	(X)
	Sheriffs and bailiffs (854).....	23,059	100.000	100.000	1,214	100.000	100.000
980	Child care workers, private household.....	9,633	(X)	(X)	363,484	(X)	(X)
	Living in.....	-	-	(X)	30,102	100.000	(X)
	Baby sitters, private household (801).....	-	-	-	18,325	60.876	5.361
	Private household workers, n.e.c. (804)--Living in.....	-	-	-	11,777	39.124	12.121
	Living out.....				333,382	100.000	(X)
	Baby sitters, private household (801).....	9,633	100.000	(X)	323,483	97.031	94.639
	Private household workers, n.e.c. (804)--Living out.....	8,612	89.401	100.000	9,899	2.969	.875
981	Cooks, private household.....	1,021	10.599	2.174	36,127	(X)	(X)
	Living in.....				602	100.000	(X)
	Private household workers, n.e.c. (804)--Living in.....	4,676	(X)	(X)	7,848	100.000	(X)
	Living out.....				602	100.000	9.091
	Private household workers, n.e.c. (804)--Living out.....	4,074	100.000	(X)	7,848	100.000	8.081
982	Housekeepers, private household.....	7,050	(X)	(X)	28,279	100.000	(X)
	Living in.....	2,104	100.000	(X)	28,279	100.000	(X)
	Housekeepers, private household (802)--Living in.....	600	24.958	100.000	55,004	100.000	100.000
	Private household workers, n.e.c. (804)--Living in.....	1,804	75.042	27.273	55,004	100.000	-
	Living out.....				4,646	100.000	(X)
	Housekeepers, private household (802)--Living out.....	1,590	34.223	100.000	93,979	100.000	100.000
983	Laundresses, private household.....	3,056	65.777	6.522	-	-	-
	Living in.....	737	(X)	(X)	40,747	(X)	(X)
	Laundresses, private household (803)--Living in.....	-	-	(X)	223	100.000	(X)
	Living out.....				737	100.000	(X)
	Laundresses, private household (803)--Living out.....	737	100.000	(X)	40,524	100.000	(X)
984	Maids and servants, private household.....	42,917	(X)	(X)	1,162,294	(X)	(X)
	Living in.....	4,219	100.000	(X)	73,592	100.000	(X)
	Private household workers, n.e.c. (804)--Living in.....	4,219	100.000	(X)	73,592	100.000	75.758
	Living out.....				38,698	100.000	(X)
	Private household workers, n.e.c. (804)--Living out.....	38,698	100.000	(X)	1,088,702	100.000	96.250
				82,609	82,609	1,088,702	100.000

- Represents zero. X Not applicable.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
017	Agricultural production.....	3,716,424	100,000	(X)	413,542	100,000	(X)
	Agriculture (016).....	3,715,863	99.985	93.523	413,542	100,000	93.510
	Forestry (017).....	561	.015	1.205	-	-	-
018	Agricultural services, except horticultural.....	129,014	100,000	(X)	22,827	100,000	(X)
	Agriculture (016).....	129,014	100,000	3.247	22,827	100,000	5.162
019	Horticultural services.....	128,337	100,000	(X)	5,868	100,000	(X)
	Agriculture (016).....	128,337	100,000	3.230	5,868	100,000	1.327
027	Forestry.....	45,289	100,000	(X)	6,004	100,000	(X)
	Forestry (017).....	45,289	100,000	97.590	6,004	100,000	100,000
028	Fisheries.....	49,429	100,000	(X)	2,037	100,000	(X)
	Fisheries (018).....	49,429	100,000	100,000	2,037	100,000	100,000
047	Metal mining.....	97,852	100,000	(X)	3,284	100,000	(X)
	Metal mining (126).....	97,852	100,000	100,000	3,284	100,000	100,000
048	Coal mining.....	228,701	100,000	(X)	3,292	100,000	(X)
	Coal mining (136).....	228,701	100,000	100,000	3,292	100,000	100,000
049	Crude petroleum and natural gas extractions.....	247,317	100,000	(X)	22,080	100,000	(X)
	Crude petroleum and natural gas extractions (146).....	247,317	100,000	100,000	22,080	100,000	100,000
057	Nonmetallic mining and quarrying, except fuel.....	106,714	100,000	(X)	4,421	100,000	(X)
	Nonmetallic mining and quarrying, except fuel (156).....	106,714	100,000	100,000	4,421	100,000	100,000
067	General building contractors.....	906,572	100,000	(X)	25,036	100,000	(X)
	Construction (196).....	906,572	100,000	21.894	25,036	100,000	15.498
068	General contractors, except building.....	728,155	100,000	(X)	27,421	100,000	(X)
	Construction (196).....	728,155	100,000	17.585	27,421	100,000	16.974
069	Special trade contractors.....	1,623,626	100,000	(X)	56,043	100,000	(X)
	Construction (196).....	1,623,626	100,000	39.211	56,043	100,000	34.686
077	Not specified construction.....	882,396	100,000	(X)	53,058	100,000	(X)
	Construction (196).....	882,396	100,000	21.310	53,058	100,000	32.841
107	Logging.....	191,693	100,000	(X)	2,852	100,000	(X)
	Forestry (017).....	561	.293	1.205	-	-	-
	Logging (206).....	191,132	99,707	100,000	2,852	100,000	100,000
108	Sawmills, planing mills, and millwork.....	431,764	100,000	(X)	20,987	100,000	(X)
	Sawmills, planing mills, and millwork (207).....	431,764	100,000	100,000	20,987	100,000	100,000
109	Miscellaneous wood products.....	93,130	100,000	(X)	19,739	100,000	(X)
	Miscellaneous wood products (208).....	89,960	96.596	100,000	19,127	96,900	100,000
	Pulp, paper, and paperboard mills (386).....	3,170	3.404	1.220	612	3,100	1.639
118	Furniture and fixtures.....	329,653	100,000	(X)	71,167	100,000	(X)
	Furniture and fixtures (209).....	329,653	100,000	100,000	71,167	100,000	100,000
119	Glass and glass products.....	130,276	100,000	(X)	45,689	100,000	(X)
	Glass and glass products (216).....	130,276	100,000	100,000	45,689	100,000	100,000
127	Cement, concrete, gypsum, and plaster products.....	181,681	100,000	(X)	11,210	100,000	(X)
	Cement and concrete, gypsum, and plaster products (217).....	181,681	100,000	100,000	11,210	100,000	100,000
128	Structural clay products.....	77,574	100,000	(X)	10,080	100,000	(X)
	Structural clay products (218).....	77,574	100,000	100,000	10,080	100,000	100,000
137	Pottery and related products.....	30,892	100,000	(X)	15,945	100,000	(X)
	Pottery and related products (219).....	30,892	100,000	100,000	15,945	100,000	100,000
138	Miscellaneous nonmetallic mineral and stone products.....	111,178	100,000	(X)	22,547	100,000	(X)
	Miscellaneous nonmetallic mineral and stone products (236).....	111,178	100,000	100,000	22,547	100,000	100,000
139	Blast furnaces, steel works, rolling and finishing mills.....	618,217	100,000	(X)	33,056	100,000	(X)
	Blast furnaces, steel works, rolling & finishing mills (237).....	618,217	100,000	100,000	33,056	100,000	100,000
147	Other primary iron and steel industries.....	295,622	100,000	(X)	19,461	100,000	(X)
	Other primary iron and steel industries (238).....	294,869	99.745	100,000	19,461	100,000	100,000
	Miscellaneous fabricated metal products (248).....	753	.255	.108	-	-	-

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
148	Primary aluminum industries..... Primary nonferrous industries (239).....	76,580 76,580	100.000 100.000	(x) 26,984	1,623 1,623	100.000 100.000	(x) 3,947
149	Other primary nonferrous industries..... Primary nonferrous industries (239).....	207,212 207,212	100.000 100.000	(x) 73,016	39,538 39,538	100.000 100.000	(x) 96.053
157	Cutlery, hand tools, and other hardware..... Cutlery, hand tools, and other hardware (246)..... Miscellaneous fabricated metal products (248).....	95,550 94,797 753	100.000 99.212 .788	(x) 100.000 .108	42,687 40,265 2,422	100.000 94.326 5.674	(x) 100.000 1.463
158	Fabricated structural metal products..... Fabricated structural metal products (247).....	326,642 326,642	100.000 100.000	(x) 100.000	34,869 34,869	100.000 100.000	(x) 100.000
159	Screw machine products..... Miscellaneous fabricated metal products (248).....	47,676 47,676	100.000 100.000	(x) 6.826	9,705 9,705	100.000 100.000	(x) 5.854
167	Metal stamping..... Miscellaneous fabricated metal products (248).....	91,561 91,561	100.000 100.000	(x) 13.109	39,630 39,630	100.000 100.000	(x) 23.902
168	Miscellaneous fabricated metal products..... Miscellaneous fabricated metal products (248).....	327,684 327,684	100.000 100.000	(x) 46.912	66,321 66,321	100.000 100.000	(x) 40.000
169	Not specified metal industries..... Not specified metal industries (249).....	5,720 5,720	100.000 100.000	(x) 100.000	1,460 1,460	100.000 100.000	(x) 100.000
177	Engines and turbines..... Miscellaneous machinery (258).....	66,387 66,387	100.000 100.000	(x) 5.765	12,680 12,680	100.000 100.000	(x) 7.438
178	Farm machinery and equipment..... Farm machinery and equipment (256).....	125,548 125,548	100.000 100.000	(x) 100.000	13,664 13,664	100.000 100.000	(x) 100.000
179	Construction and material handling machines..... Miscellaneous machinery (258).....	161,946 161,946	100.000 100.000	(x) 14.063	18,321 18,321	100.000 100.000	(x) 10.744
187	Metalworking machinery..... Miscellaneous machinery (258).....	183,030 183,030	100.000 100.000	(x) 15.894	19,727 19,727	100.000 100.000	(x) 11.570
188	Office and accounting machines..... Office, computing and accounting machines (257).....	114,261 114,261	100.000 100.000	(x) 88.261	39,934 39,934	100.000 100.000	(x) 93.846
189	Electronic computing equipment..... Office, computing and accounting machines (257).....	15,194 15,194	100.000 100.000	(x) 11.739	2,618 2,618	100.000 100.000	(x) 6.154
197	Machinery, except electrical, n.e.c..... Miscellaneous machinery (258).....	510,649 510,649	100.000 100.000	(x) 44.343	90,201 90,201	100.000 100.000	(x) 52.893
198	Not specified machinery..... Miscellaneous machinery (258).....	229,566 229,566	100.000 100.000	(x) 19.935	29,596 29,596	100.000 100.000	(x) 17.355
199	Household appliances..... Electrical machinery, equipment, and supplies (259).....	145,839 145,839	100.000 100.000	(x) 14.421	39,701 39,701	100.000 100.000	(x) 7.176
207	Radio, TV, and communication equipment..... Electrical machinery, equipment, and supplies (259)..... Professional equipment and supplies (286).....	273,336 270,656 2,680	100.000 99.020 .980	(x) 26.763 1.404	140,878 140,878 ~	100.000 100.000 -	(x) 25.463 -
208	Electrical machinery, equipment, and supplies, n.e.c..... Electrical machinery, equipment, and supplies (259).....	445,783 445,783	100.000 100.000	(x) 44.081	315,699 315,699	100.000 100.000	(x) 57.060
209	Not specified electrical machinery, equipment, and supplies... Electrical machinery, equipment, and supplies (259).....	149,026 149,026	100.000 100.000	(x) 14.736	56,995 56,995	100.000 100.000	(x) 10.301
219	Motor vehicles and motor vehicle equipment..... Motor vehicles and motor vehicle equipment (267).....	799,652 799,652	100.000 100.000	(x) 100.000	103,349 103,349	100.000 100.000	(x) 100.000
227	Aircraft and parts..... Aircraft and parts (268).....	572,814 572,814	100.000 100.000	(x) 100.000	114,062 114,062	100.000 100.000	(x) 100.000
228	Ship and boat building and repairing..... Ship and boat building and repairing (269).....	247,540 247,540	100.000 100.000	(x) 100.000	16,776 16,776	100.000 100.000	(x) 100.000
229	Railroad locomotives and equipment..... Railroad and miscellaneous transportation equipment (276)...	49,566 49,566	100.000 100.000	(x) 59.829	5,593 5,593	100.000 100.000	(x) 57.894
237	Mobile dwellings and campers..... Railroad and miscellaneous transportation equipment (276)...	22,655 22,655	100.000 100.000	(x) 27.350	2,037 2,037	100.000 100.000	(x) 21.053
238	Cycles and miscellaneous transportation equipment..... Railroad and miscellaneous transportation equipment (276)...	10,622 10,622	100.000 100.000	(x) 12.821	2,037 2,037	100.000 100.000	(x) 21.053

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
239	Scientific and controlling instruments.....	73,593	100,000	(x)	27,361	100,000	(x)
	Professional equipment and supplies (286).....	73,593	100,000	38.596	27,361	100,000	32.456
247	Optical and health services supplies.....	47,499	100,000	(x)	34,752	100,000	(x)
	Professional equipment and supplies (286).....	47,499	100,000	24.912	34,752	100,000	41.228
248	Photographic equipment and supplies.....	48,083	100,000	(x)	18,174	100,000	(x)
	Photographic equipment and supplies (287).....	48,083	100,000	100,000	18,174	100,000	100,000
249	Watches, clocks, and clockwork-operated devices.....	15,751	100,000	(x)	15,760	100,000	(x)
	Watches, clocks, and clockwork-operated devices (289).....	15,751	100,000	100,000	15,760	100,000	100,000
257	Not specified professional equipment.....	56,194	100,000	(x)	21,442	100,000	(x)
	Professional equipment and supplies (286).....	56,194	100,000	29.473	21,442	100,000	25.439
268	Ordnance.....	240,750	100,000	(x)	48,453	100,000	(x)
	Miscellaneous fabricated metal products (248).....	230,048	95,555	32.936	47,714	98,475	28.780
	Professional equipment and supplies (286).....	10,702	4,445	5.614	739	1.525	.877
259	Miscellaneous manufacturing industries.....	265,004	100,000	(x)	178,565	100,000	(x)
	Miscellaneous manufacturing industries (296).....	265,004	100,000	100,000	178,565	100,000	100,000
268	Meat products.....	254,029	100,000	(x)	86,311	100,000	(x)
	Meat products (306).....	254,029	100,000	100,000	86,311	100,000	100,000
269	Dairy products.....	280,356	100,000	(x)	44,860	100,000	(x)
	Dairy products (307).....	280,356	100,000	100,000	44,860	100,000	100,000
278	Canning and preserving fruits, vegetables, and seafoods.....	138,493	100,000	(x)	118,030	100,000	(x)
	Canning and preserving fruits, vegetables, & seafoods (308).....	138,493	100,000	100,000	118,030	100,000	100,000
279	Grain-mill products.....	132,453	100,000	(x)	21,854	100,000	(x)
	Grain-mill products (309).....	132,453	100,000	100,000	21,854	100,000	100,000
287	Bakery products.....	276,150	100,000	(x)	104,683	100,000	(x)
	Bakery products (316).....	276,150	100,000	100,000	104,683	100,000	100,000
286	Confectionery and related products.....	40,377	100,000	(x)	44,051	100,000	(x)
	Confectionery and related products (317).....	40,377	100,000	100,000	44,051	100,000	100,000
289	Beverage industries.....	195,966	100,000	(x)	27,176	100,000	(x)
	Beverage industries (318).....	195,966	100,000	100,000	27,176	100,000	100,000
287	Miscellaneous food preparation and kindred products.....	128,693	100,000	(x)	35,855	100,000	(x)
	Miscellaneous food preparations & kindred products (319).....	128,693	100,000	100,000	35,855	100,000	100,000
298	Not specified food industries.....	17,910	100,000	(x)	8,725	100,000	(x)
	Not specified food industries (328).....	17,910	100,000	100,000	8,725	100,000	100,000
299	Tobacco manufactures.....	49,884	100,000	(x)	46,517	100,000	(x)
	Tobacco manufactures (329).....	49,884	100,000	100,000	46,517	100,000	100,000
807	Knitting mills.....	67,903	100,000	(x)	147,673	100,000	(x)
	Knitting mills (346).....	67,903	100,000	100,000	147,673	100,000	100,000
308	Dyeing and finishing textiles, except wool and knit goods.....	49,706	100,000	(x)	13,473	100,000	(x)
	Dyeing and finishing textiles, exc. wool & knit goods (347).....	49,706	100,000	100,000	13,473	100,000	100,000
309	Floor coverings, except hard surface.....	24,718	100,000	(x)	12,705	100,000	(x)
	Floor coverings, except hard surface (348).....	24,718	100,000	100,000	12,705	100,000	100,000
317	Yarn, thread, and fabric mills.....	378,739	100,000	(x)	261,415	100,000	(x)
	Yarn, thread, and fabric mills (349).....	378,739	100,000	100,000	261,415	100,000	100,000
318	Miscellaneous textile mill products.....	36,916	100,000	(x)	17,275	100,000	(x)
	Miscellaneous textile mill products (356).....	36,916	100,000	100,000	17,275	100,000	100,000
319	Apparel and accessories.....	264,832	100,000	(x)	868,343	100,000	(x)
	Apparel and accessories (359).....	264,832	100,000	100,000	868,343	100,000	100,000
327	Miscellaneous fabricated textile products.....	49,736	100,000	(x)	70,091	100,000	(x)
	Miscellaneous fabricated textile products (367).....	49,736	100,000	100,000	69,325	98,907	100,000
	Miscellaneous plastic products (429).....	-	-	-	766	1.093	1.667

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
328	Pulp, paper, and paperboard mills..... Pulp, paper, and paperboard mills (386).....	256,789 256,789	100.000 100.000	(X) 98.780	36,867 36,867	100.000 100.000	(X) 98.361
329	Miscellaneous paper and pulp products..... Miscellaneous paper and pulp products (389).....	79,612 79,612	100.000 100.000	(X) 94.340	39,393 39,393	100.000 100.000	(X) 87.273
337	Paperboard containers and boxes..... Paperboard containers and boxes (387).....	125,182 125,182	100.000 100.000	(X) 100.000	49,411 49,411	100.000 100.000	(X) 100.000
338	Newspaper publishing and printing..... Newspaper publishing and printing (396).....	413,043 413,043	100.000 100.000	(X) 100.000	88,629 88,629	100.000 100.000	(X) 100.000
339	Printing, publishing, and allied industries, exc. newspapers.. Miscellaneous paper and pulp products (389)..... Printing, publishing, and allied industries, exc. newspapers (398).....	453,888 4,774 449,114	100.000 1.052 98.948	(X) 5.660 100.000	231,853 5,746 226,107	100.000 2,478 87,528	(X) 12,727 100.000
347	Industrial chemicals..... Miscellaneous chemicals and allied products (409).....	83,315 83,315	100.000 100.000	(X) 15,353	7,559 7,559	100.000 100.000	(X) 7,006
348	Plastics, synthetics and resins, except fibers..... Miscellaneous chemicals and allied products (409).....	33,327 33,327	100.000 100.000	(X) 6,142	8,935 8,935	100.000 100.000	(X) 8,880
349	Synthetic fibers..... Synthetic fibers (406).....	44,758 44,758	100.000 100.000	(X) 100.000	14,181 14,181	100.000 100.000	(X) 100.000
357	Drugs and medicines..... Drugs and medicines (407).....	71,275 71,275	100.000 100.000	(X) 100.000	39,224 39,224	100.000 100.000	(X) 100.000
358	Soaps and cosmetics..... Miscellaneous chemicals and allied products (409).....	57,230 57,230	100.000 100.000	(X) 10,547	41,927 41,927	100.000 100.000	(X) 38,854
359	Paints, varnishes, and related products..... Paints, varnishes, and related products (408).....	57,799 57,799	100.000 100.000	(X) 100.000	12,508 12,508	100.000 100.000	(X) 100.000
367	Agricultural chemicals..... Miscellaneous chemicals and allied products (409).....	42,023 42,023	100.000 100.000	(X) 7,744	2,067 2,067	100.000 100.000	(X) 1,911
368	Miscellaneous chemicals..... Miscellaneous chemicals and allied products (409).....	52,162 52,162	100.000 100.000	(X) 9,613	5,497 5,497	100.000 100.000	(X) 5,096
369	Not specified chemicals and allied products..... Miscellaneous chemicals and allied products (409).....	274,599 274,599	100.000 100.000	(X) 50.601	41,933 41,933	100.000 100.000	(X) 38,853
377	Petroleum refining..... Petroleum refining (416).....	228,797 228,797	100.000 100.000	(X) 100.000	31,122 31,122	100.000 100.000	(X) 100.000
378	Miscellaneous petroleum and coal products..... Miscellaneous petroleum and coal products (419).....	24,005 24,005	100.000 100.000	(X) 100.000	4,465 4,465	100.000 100.000	(X) 100.000
379	Rubber products..... Rubber products (426).....	209,495 209,495	100.000 100.000	(X) 100.000	69,823 69,823	100.000 100.000	(X) 100.000
387	Miscellaneous plastic products..... Miscellaneous plastic products (429).....	85,047 85,047	100.000 100.000	(X) 100.000	45,262 45,262	100.000 100.000	(X) 88,333
388	Tanned, curried, and finished leather..... Leather: Tanned, curried, and finished (436).....	30,952 30,952	100.000 100.000	(X) 100.000	4,970 4,970	100.000 100.000	(X) 100.000
389	Footwear, except rubber..... Footwear, except rubber (437).....	126,414 126,414	100.000 100.000	(X) 100.000	148,341 148,341	100.000 100.000	(X) 100.000
397	Leather products, except footwear..... Leather products, except footwear (438).....	30,952 30,952	100.000 100.000	(X) 100.000	32,883 32,883	100.000 100.000	(X) 100.000
398	Not specified manufacturing industries..... Not specified manufacturing industries (459).....	42,316 42,316	100.000 100.000	(X) 100.000	23,202 23,202	100.000 100.000	(X) 100.000
407	Railroads and railway express service..... Railroads and railway express service (506).....	931,257 931,257	100.000 100.000	(X) 100.000	54,977 54,977	100.000 100.000	(X) 100.000
408	Street railways and bus lines..... Street railways and bus lines (507).....	260,730 260,730	100.000 100.000	(X) 100.000	33,226 33,226	100.000 100.000	(X) 100.000
409	Taxicab service..... Taxicab service (508).....	125,332 125,332	100.000 100.000	(X) 100.000	9,815 9,815	100.000 100.000	(X) 100.000

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
417	Trucking service.....	802,209	100.000	(X)	52,131	100.000	(X)
	Trucking service (509).....	787,688	98.190	100.000	52,131	100.000	100.000
	Sanitary services (578).....	14,521	1.810	9.767	-	-	-
418	Warehousing and storage.....	102,194	100.000	(X)	20,216	100.000	(X)
	Warehousing and storage (516).....	102,194	100.000	100.000	20,216	100.000	100.000
419	Water transportation.....	200,390	100.000	(X)	12,659	100.000	(X)
	Water transportation (517).....	200,390	100.000	100.000	12,659	100.000	100.000
427	Air transportation.....	158,325	100.000	(X)	44,485	100.000	(X)
	Air transportation (518).....	158,325	100.000	100.000	44,485	100.000	100.000
428	Pipe lines, except natural gas.....	20,225	100.000	(X)	1,684	100.000	(X)
	Petroleum and gasoline pipe lines (519).....	20,225	100.000	100.000	1,684	100.000	100.000
429	Services incidental to transportation.....	45,299	100.000	(X)	16,420	100.000	(X)
	Services incidental to transportation (526).....	45,299	100.000	100.000	16,420	100.000	100.000
447	Radio broadcasting and television.....	70,542	100.000	(X)	23,535	100.000	(X)
	Radio broadcasting and television (536).....	70,542	100.000	100.000	23,535	100.000	100.000
448	Telephone (wire and radio).....	304,901	100.000	(X)	398,679	100.000	(X)
	Telephone (wire and radio) (538).....	304,901	100.000	100.000	398,679	100.000	100.000
449	Telegraph and miscellaneous communication services.....	24,521	100.000	(X)	16,062	100.000	(X)
	Telegraph (wire and radio) (539).....	24,521	100.000	100.000	16,062	100.000	100.000
467	Electric light and power.....	303,947	100.000	(X)	50,243	100.000	(X)
	Electric light and power, and electric-gas utilities (567).....	303,947	100.000	70,958	50,243	100.000	71,296
468	Electric-gas utilities.....	124,394	100.000	(X)	20,233	100.000	(X)
	Electric light and power, and electric-gas utilities (567).....	124,394	100.000	29,042	20,233	100.000	28,704
469	Gas and steam supply systems.....	125,365	100.000	(X)	23,362	100.000	(X)
	Gas and steam supply systems (568).....	125,365	100.000	100.000	23,362	100.000	100.000
477	Water supply.....	86,543	100.000	(X)	11,853	100.000	(X)
	Water supply (576).....	86,543	100.000	100.000	11,853	100.000	100.000
478	Sanitary services.....	134,176	100.000	(X)	4,025	100.000	(X)
	Sanitary services (578).....	134,176	100.000	90,233	4,025	100.000	100.000
479	Other and not specified utilities.....	16,676	100.000	(X)	2,385	100.000	(X)
	Other and not specified utilities (579).....	16,676	100.000	100.000	2,385	100.000	100.000
507	Motor vehicles and equipment.....	103,464	100.000	(X)	20,436	100.000	(X)
	Motor vehicles and equipment (606).....	103,464	100.000	100.000	20,436	100.000	100.000
508	Drugs, chemicals, and allied products.....	75,352	100.000	(X)	28,677	100.000	(X)
	Drugs, chemicals, and allied products (607).....	75,352	100.000	100.000	28,677	100.000	100.000
509	Dry goods and apparel.....	54,616	100.000	(X)	26,229	100.000	(X)
	Dry goods and apparel (608).....	54,616	100.000	100.000	26,229	100.000	100.000
527	Food and related products.....	369,145	100.000	(X)	107,028	100.000	(X)
	Food and related products (609).....	369,145	100.000	100.000	107,028	100.000	100.000
528	Farm products--raw materials.....	96,565	100.000	(X)	21,160	100.000	(X)
	Farm products--raw materials (616).....	96,565	100.000	100.000	21,160	100.000	100.000
529	Electrical goods.....	91,485	100.000	(X)	26,002	100.000	(X)
	Electrical goods, hardware, and plumbing equipment (617).....	91,485	100.000	52,227	26,002	100.000	52,941
537	Hardware, plumbing, and heating supplies.....	70,207	100.000	(X)	20,219	100.000	(X)
	Electrical goods, hardware, and plumbing equipment (617).....	70,207	100.000	40,081	20,219	100.000	41,176
538	Not specified electrical and hardware products.....	13,475	100.000	(X)	2,887	100.000	(X)
	Electrical goods, hardware, and plumbing equipment (617).....	13,475	100.000	7,692	2,887	100.000	5,882
539	Machinery, equipment, and supplies.....	214,723	100.000	(X)	48,977	100.000	(X)
	Machinery, equipment, and supplies (618).....	214,723	100.000	100.000	48,977	100.000	100.000
557	Metals and minerals, n.e.c.....	49,204	100.000	(X)	13,872	100.000	(X)
	Miscellaneous wholesale trade (626).....	49,204	100.000	9,777	13,872	100.000	11,656
558	Petroleum products.....	157,146	100.000	(X)	30,129	100.000	(X)
	Petroleum products (619).....	148,009	94,186	100,000	28,669	95,154	100,000
	Miscellaneous wholesale trade (626).....	9,137	5,814	1,816	1,460	4,846	1,227
559	Scrap and waste materials.....	80,829	100.000	(X)	4,379	100.000	(X)
	Miscellaneous wholesale trade (626).....	80,829	100.000	16,061	4,379	100.000	3,681

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
567	Alcoholic beverages..... Miscellaneous wholesale trade (626).....	66,770 66,770	100.000 100.000	(x) 13.268	16,787 16,787	100.000 100.000	(x) 14.110
568	Paper and its products..... Miscellaneous wholesale trade (626).....	52,012 52,012	100.000 100.000	(x) 10.335	13,872 13,872	100.000 100.000	(x) 11.656
569	Lumber and construction materials..... Miscellaneous wholesale trade (626).....	95,587 95,587	100.000 100.000	(x) 18.994	16,057 16,057	100.000 100.000	(x) 13.497
587	Wholesalers, n.e.c..... Miscellaneous wholesale trade (626).....	149,715 149,715	100.000 100.000	(x) 29.749	52,554 52,554	100.000 100.000	(x) 44.172
588	Not specified wholesale trade..... Not specified wholesale trade (629).....	80,980 80,980	100.000 100.000	(x) 100.000	28,467 28,467	100.000 100.000	(x) 100.000
607	Lumber and building material retailing..... Lumber and building material retailing (676).....	351,247 351,247	100.000 100.000	(x) 100.000	52,630 52,630	100.000 100.000	(x) 100.000
608	Hardware and farm equipment stores..... Hardware and farm equipment stores (666).....	204,851 204,851	100.000 100.000	(x) 100.000	47,662 47,662	100.000 100.000	(x) 100.000
609	Department and mail order establishments..... General merchandise retailing (638).....	339,507 339,507	100.000 100.000	(x) 73.605	717,283 717,283	100.000 100.000	(x) 79.750
617	Limited price variety stores..... Limited price variety stores (639).....	60,638 60,638	100.000 100.000	(x) 100.000	250,119 250,119	100.000 100.000	(x) 100.000
618	Vending machine operators..... General merchandise retailing (638).....	17,393 17,393	100.000 100.000	(x) 3.771	2,656 2,656	100.000 100.000	(x) .295
619	Direct selling establishments..... General merchandise retailing (638)..... Miscellaneous retail stores (689).....	35,359 25,743 9,616	100.000 72.805 27.195	(x) 5.581 3.036	75,117 73,517 1,600	100.000 97.870 2.130	(x) 8.174 1.003
627	Miscellaneous general merchandise stores..... General merchandise retailing (638).....	78,614 78,614	100.000 100.000	(x) 17.044	105,971 105,971	100.000 100.000	(x) 11.782
628	Grocery stores..... Food and dairy products stores (636).....	980,456 980,456	100.000 100.000	(x) 84.143	506,557 506,557	100.000 100.000	(x) 85.730
629	Dairy products stores..... Food and dairy products stores (636).....	26,671 26,671	100.000 100.000	(x) 2.289	12,509 12,509	100.000 100.000	(x) 2.118
637	Retail bakeries..... Food and dairy products stores (636).....	27,324 27,324	100.000 100.000	(x) 2.345	25,034 25,034	100.000 100.000	(x) 4.236
638	Food stores, n.e.c..... Food and dairy products stores (636).....	130,777 130,777	100.000 100.000	(x) 11.223	46,767 46,767	100.000 100.000	(x) 7.915
639	Motor vehicle dealers..... Motor vehicles and accessories retailing (656).....	573,229 573,229	100.000 100.000	(x) 78.463	63,291 63,291	100.000 100.000	(x) 69.178
647	Tire, battery, and accessory dealers..... Motor vehicles and accessories retailing (656).....	118,933 118,933	100.000 100.000	(x) 16.279	22,556 22,556	100.000 100.000	(x) 24.658
648	Gasoline service stations..... Gasoline service stations (657).....	634,679 634,679	100.000 100.000	(x) 100.000	30,649 30,649	100.000 100.000	(x) 100.000
649	Miscellaneous vehicle dealers..... Motor vehicles and accessories retailing (656).....	38,421 38,421	100.000 100.000	(x) 5.258	5,638 5,638	100.000 100.000	(x) 6.164
657	Apparel and accessories stores, except shoe stores..... Apparel and accessories stores, except shoe stores (646).....	184,075 184,075	100.000 100.000	(x) 100.000	378,723 378,723	100.000 100.000	(x) 100.000
658	Shoe stores..... Shoe stores (647).....	76,660 76,660	100.000 100.000	(x) 100.000	39,219 39,219	100.000 100.000	(x) 100.000
667	Furniture and home furnishings stores..... Furniture and housefurnishings stores (648).....	229,164 229,164	100.000 100.000	(x) 100.000	77,378 77,378	100.000 100.000	(x) 100.000
668	Household appliances, TV, and radio stores..... Household appliances, TV, and radio stores (649).....	151,328 151,328	100.000 100.000	(x) 100.000	49,922 49,922	100.000 100.000	(x) 100.000
669	Eating and drinking places..... Eating and drinking places (659).....	797,314 797,314	100.000 100.000	(x) 100.000	1,147,651 1,147,651	100.000 100.000	(x) 100.000
677	Drug stores..... Drug stores (658).....	197,205 197,205	100.000 100.000	(x) 100.000	196,053 196,053	100.000 100.000	(x) 100.000

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
678	Liquor stores..... Liquor stores (678).....	67,049 67,049	100.000 100.000	(X) 100.000	18,368 18,368	100.000 100.000	(X) 100.000
679	Farm and garden supply stores..... Miscellaneous retail stores (689).....	61,560 61,560	100.000 100.000	(X) 19.433	8,010 8,010	100.000 100.000	(X) 5.017
687	Jewelry stores..... Jewelry stores (686).....	53,645 53,645	100.000 100.000	(X) 100.000	40,440 40,440	100.000 100.000	(X) 100.000
688	Fuel and ice dealers..... Fuel and ice dealers (687).....	100,756 100,756	100.000 100.000	(X) 100.000	17,937 17,937	100.000 100.000	(X) 100.000
689	Retail florists..... Retail florists (679).....	39,746 39,746	100.000 100.000	(X) 100.000	38,307 38,307	100.000 100.000	(X) 100.000
697	Miscellaneous retail stores..... Miscellaneous retail stores (689).....	245,608 245,608	100.000 100.000	(X) 77.530	150,060 150,060	100.000 100.000	(X) 93.980
698	Not specified retail trade..... Not specified retail trade (696).....	63,893 63,893	100.000 100.000	(X) 100.000	50,938 50,938	100.000 100.000	(X) 100.000
707	Banking..... Banking and credit agencies (706).....	248,861 248,861	100.000 100.000	(X) 66.294	381,828 381,828	100.000 100.000	(X) 75.173
708	Credit agencies..... Banking and credit agencies (706)..... Federal public administration (916).....	127,262 126,527 735	100.000 99.422 .578	(X) 33.706 .085	125,509 125,509 -	100.000 100.000 -	(X) 24.711 -
709	Security, commodity brokerage, and investment companies..... Security and commodity brokerage and investment companies (716).....	104,664 104,664	100.000 100.000	(X) 100.000	47,407 47,407	100.000 100.000	(X) 100.000
717	Insurance..... Insurance (726).....	597,289 597,289	100.000 100.000	(X) 100.000	499,176 499,176	100.000 100.000	(X) 100.000
718	Real estate, including real estate-insurance--law offices..... Real estate (incl. real estate-insurance-law office) (736).....	412,402 412,402	100.000 100.000	(X) 100.000	204,777 204,777	100.000 100.000	(X) 100.000
727	Advertising..... Advertising (806).....	83,911 83,911	100.000 100.000	(X) 98.485	48,932 48,932	100.000 100.000	(X) 95.833
728	Services to dwellings and other buildings..... Miscellaneous business services (807).....	84,959 84,959	100.000 100.000	(X) 20.607	19,809 19,809	100.000 100.000	(X) 7,955
729	Commercial research, development, and testing labs..... Miscellaneous business services (807).....	81,664 81,664	100.000 100.000	(X) 19.808	30,422 30,422	100.000 100.000	(X) 12,216
737	Employment and temporary help agencies..... Miscellaneous business services (807).....	9,217 9,217	100.000 100.000	(X) 2.236	34,664 34,664	100.000 100.000	(X) 13,920
738	Business management and consulting services..... Miscellaneous business services (807).....	34,903 34,903	100.000 100.000	(X) 8.466	25,467 25,467	100.000 100.000	(X) 10,227
739	Computer programing services..... Miscellaneous business services (807).....	2,632 2,632	100.000 100.000	(X) .639	- -	- -	(X) -
747	Detective and protective services..... Miscellaneous business services (807).....	31,611 31,611	100.000 100.000	(X) 7.668	3,537 3,537	100.000 100.000	(X) 1,420
748	Business services, n.e.c..... Banking and credit agencies (706)..... Advertising (806)..... Miscellaneous business services (807).....	166,617 - 1,287 165,330	100.000 - .772 99.228	(X) - 1.515 40.096	135,698 582 .429 132,984	100.000 115 4.167 98.000	(X) 115 4.167 53.409
749	Automobile services, except repair..... Automobile repair services and garages (808).....	86,544 86,544	100.000 100.000	(X) 16,907	12,551 12,551	100.000 100.000	(X) 42.308
757	Automobile repair and related services..... Automobile repair services and garages (808).....	423,294 423,294	100.000 100.000	(X) 82,700	17,119 17,119	100.000 100.000	(X) 57.692
758	Electrical repair shops..... Miscellaneous repair services (809).....	141,709 141,709	100.000 100.000	(X) 45.089	16,164 16,164	100.000 100.000	(X) 54.000
759	Miscellaneous repair services..... Automobile repair services and garages (808)..... Miscellaneous repair services (809).....	174,597 2,010 172,587	100.000 1.151 98.849	(X) .393 54.911	13,768 - 13,768	100.000 - 100.000	(X) - 46.000

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
769	Private households..... Private households (816).....	206,563 206,563	100,000 100,000	(X) 100.000	1,829,629 1,829,629	100,000 100,000	(X) 100.000
777	Hotels and motels..... Hotels and lodging places (826).....	264,593 264,593	100,000 100,000	(X) 88.631	278,944 278,944	100,000 100,000	(X) 82.704
778	Lodging places, except hotels and motels..... Hotels and lodging places (826)..... Welfare and religious services (879).....	36,575 33,940 2,635	100,000 92,796 7,204	(X) 11.369 .777	59,127 56,324 2,803	100,000 95,259 4,741	(X) 16.700 .895
779	Laundering, cleaning, and other garment services..... Laundering, cleaning, and dyeing services (828).....	276,623 276,623	100,000 100,000	(X) 100.000	377,792 377,792	100,000 100,000	(X) 100,000
787	Beauty shops..... Barber and beauty shops (838).....	36,168 36,168	100,000 100,000	(X) 16.717	285,431 285,431	100,000 100,000	(X) 99.309
788	Barber shops..... Barber and beauty shops (838).....	180,173 180,173	100,000 100,000	(X) 83.283	1,987 1,987	100,000 100,000	(X) .691
789	Shoe repair shops..... Shoe repair shops (836).....	43,421 43,421	100,000 100,000	(X) 100.000	4,597 4,597	100,000 100,000	(X) 100,000
797	Dressmaking shops..... Dressmaking shops (829).....	1,575 1,575	100,000 100,000	(X) 100.000	45,268 45,268	100,000 100,000	(X) 100,000
798	Miscellaneous personal services..... Miscellaneous personal services (839).....	98,207 98,207	100,000 100,000	(X) 100.000	51,115 51,115	100,000 100,000	(X) 100,000
807	Theaters and motion pictures..... Theaters and motion pictures (846).....	137,705 137,705	100,000 100,000	(X) 100.000	72,618 72,618	100,000 100,000	(X) 100,000
808	Bowling alleys, and billiard and pool parlors..... Bowling alleys, and billiard and pool parlors (848).....	62,899 62,899	100,000 100,000	(X) 100.000	18,406 18,406	100,000 100,000	(X) 100,000
809	Miscellaneous entertainment and recreation services..... Miscellaneous entertainment and recreation services (849)....	181,203 181,203	100,000 100,000	(X) 100.000	80,936 80,936	100,000 100,000	(X) 100,000
828	Offices of physicians..... Medical and other health services, except hospitals (867).... Hospitals (868).....	164,806 160,150 4,656	100,000 97.175 2.825	(X) 44.712 1.061	215,279 204,047 11,232	100,000 94,783 5,217	(X) 36,603 .872
829	Offices of dentists..... Medical and other health services, except hospitals (867)....	82,406 82,406	100,000 100,000	(X) 23.006	76,015 76,015	100,000 100,000	(X) 13.636
837	Office of chiropractors..... Medical and other health services, except hospitals (867)....	18,613 18,613	100,000 100,000	(X) 5.195	7,340 7,340	100,000 100,000	(X) 1,316
838	Hospitals..... Hospitals (868).....	433,887 433,887	100,000 100,000	(X) 98.939	1,276,851 1,276,851	100,000 100,000	(X) 99.128
839	Convalescent institutions..... Medical and other health services, except hospitals (867).... Welfare and religious services (879).....	37,840 34,552 3,288	100,000 91.311 8.689	(X) 9.647 .971	158,925 140,695 18,230	100,000 88,529 11,471	(X) 25.239 6.468
847	Offices of health practitioners, n.e.c..... Medical and other health services, except hospitals (867).... Welfare and religious services (879).....	23,246 21,930 1,316	100,000 94.339 5.661	(X) 6.123 .388	12,140 9,337 2,803	100,000 76,911 23,089	(X) 1,675 .995
848	Health services, n.e.c..... Medical and other health services, except hospitals (867).... State public administration (926).... Local public administration (936).....	45,283 40,535 1,515 3,233	100,000 89.515 3.346 7.140	(X) 11.317 .604 .432	124,734 120,026 3,285 1,423	100,000 96,226 2,634 1,141	(X) 21,531 2,155 .557
849	Legal services..... Legal services (869).....	168,815 168,815	100,000 100,000	(X) 100.000	118,185 118,185	100,000 100,000	(X) 100,000
857	Elementary and secondary schools: Government..... Educational services (876)--Government..... Private..... Educational services (876)--Private.....	662,176 662,176 79,788 79,788	100,000 100,000 100,000 100,000	(X) 70.188 (X) 24.558	1,382,337 1,382,337 301,664 301,664	100,000 100,000 100,000 100,000	(X) 85,369 (X) 55,476

See footnotes at end of table.

Table 2. DERIVATIONS OF 1970 INDUSTRY CATEGORIES FROM THE 1960 INDUSTRIAL CLASSIFICATION SYSTEM—Continued

(Data are 1960 experienced civilian labor force. Percents may not add to total because of rounding)

1970 code	1970 industry categories with a listing of 1960 component categories and codes	Male			Female		
		Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category	Experi- enced civilian labor force	Percent of 1970 category	Percent of 1960 category in this 1970 category
858	Colleges and universities: Government..... Federal public administration (916)..... Educational services (876)--Government.....	242,368 735 241,633	100,000 .303 99,697	(X) .085 25.612	151,531 - 151,531	100,000 - 100,000	(X) - 9,358
	Private..... Educational services (876)--Private.....	193,408 193,408	100,000 100,000	(X) 59.528	139,820 139,820	100,000 100,000	(X) 25.714
859	Libraries: Government..... Educational services (876)--Government.....	11,227 11,227	100,000 100,000	(X) 1.190	52,642 52,642	100,000 100,000	(X) 3,251
	Private..... Educational services (876)--Private.....	2,555 2,555	100,000 100,000	(X) .786	9,709 9,709	100,000 100,000	(X) 1,786
867	Educational services, n.e.c.: Government..... Educational services (876)--Government.....	13,867 13,867	100,000 100,000	(X) 1.470	14,120 14,120	100,000 100,000	(X) .872
	Private..... Educational services (876)--Private.....	34,467 34,467	100,000 100,000	(X) 10.609	82,857 82,857	100,000 100,000	(X) 15.238
868	Not specified educational services: Government..... Educational services (876)--Government.....	9,906 9,906	100,000 100,000	(X) 1.050	17,344 17,344	100,000 100,000	(X) 1.071
	Private..... Educational services (876)--Private.....	7,019 7,019	100,000 100,000	(X) 2.161	6,471 6,471	100,000 100,000	(X) 1.190
869	Museums, art galleries, and zoos: Government..... Educational services (876)--Government.....	4,623 4,623	100,000 100,000	(X) .490	1,279 1,279	100,000 100,000	(X) .079
	Private..... Educational services (876)--Private.....	7,662 7,662	100,000 100,000	(X) 2.358	3,235 3,235	100,000 100,000	(X) .595
877	Religious organizations..... Welfare and religious services (879).....	288,325 288,325	100,000 100,000	(X) 85.049	160,550 160,550	100,000 100,000	(X) 56.965
878	Welfare services..... Welfare and religious services (879)..... Miscellaneous professional and related services (898)..... State public administration (926)..... Local public administration (936).....	59,066 27,645 572 7,574 23,275	100,000 46,804 .968 12,823 39.405	(X) 8.155 .800 3.021 3.111	105,933 46,276 - 18,410 41,247	100,000 43,684 - 17,379 38,937	(X) 16.418 - 12.069 16.156
879	Residential welfare facilities..... Hotels and lodging places (826)..... Welfare and religious services (879)..... State public administration (926)..... Local public administration (936).....	17,958 - 15,800 1,515 643	100,000 - 87.983 8.436 3.581	(X) - 4.660 .604 .086	55,178 2,009 50,482 1,971 716	100,000 3,641 91,489 3,572 1.298	(X) .596 17.910 1.293 .279
887	Nonprofit membership organizations..... Miscellaneous business services (807)..... Welfare and religious services (879)..... Nonprofit membership organizations (888).....	139,022 1,312 - 137,710	100,000 .944 - 99.056	(X) .319 - 100,000	119,014 2,121 703 116,190	100,000 1.782 .591 97,627	(X) .852 .249 100,000
888	Engineering and architectural services..... Engineering and architectural services (896).....	180,324 180,324	100,000 100,000	(X) 100,000	29,940 29,940	100,000 100,000	(X) 100,000
889	Accounting, auditing, and bookkeeping services..... Miscellaneous business services (807)..... Accounting, auditing, and bookkeeping services (897).....	107,236 657 106,579	100,000 .613 99.387	(X) .160 100,000	53,376 - 53,376	100,000 - 100,000	(X) - 100,000
897	Miscellaneous professional and related services..... Miscellaneous professional and related services (898)..... Federal public administration (916).....	81,841 70,814 11,027	100,000 86,526 13.474	(X) 99,200 1.270	40,075 37,271 2,804	100,000 93,003 6,997	(X) 100,000 .613
907	Postal service..... Postal service (906).....	497,408 497,408	100,000 100,000	(X) 100,000	71,682 71,682	100,000 100,000	(X) 100,000
917	Federal public administration..... Federal public administration (916).....	855,962 855,962	100,000 100,000	(X) 98,560	454,418 454,418	100,000 100,000	(X) 99.387
927	State public administration..... State public administration (926).....	240,185 240,185	100,000 100,000	(X) 95.770	128,884 128,884	100,000 100,000	(X) 84.483
937	Local public administration..... Local public administration (936).....	720,990 720,990	100,000 100,000	(X) 96.370	211,918 211,918	100,000 100,000	(X) 83.008

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